

Westinghouse Electric & Manufacturing Company,

PITTSBURGH, PA., U. S. A. June 22^d 1891

Mr. Nicola Tesla,

My dear Sir:



Enclosed I send you a clipping
of the Pittsburgh Dispatch, which will
undoubtedly prove of interest to you. When
you peruse the article you will find that
I am right, when I stated in the
past that you were
a hemispherical, not a
cylindrical, electrical inventor
of my age.

Yours Truly,

Georg H. Ransome

Westinghouse Electric & Manufacturing Company,

Pittsburg, Pa.

Jan. 27th, 1893.

Mr N. Tesla,

The Gerlach,


27th St., New York.

Dear Mr Tesla:-

Your valued favor of the 23rd is received. I will
get a copy of the "London Electrical Review" of Jan. 15th, 1893, and
give the matter proper attention as you suggest.

Thanking you, I remain,

Yours Truly,


Samuel B. Smith
Vice Pres. & Gen. Manager.

Westinghouse Electric & Manufacturing Company,

120 BROADWAY,

NEW YORK, N. Y.,

April 17th 1892



Mr. Charles S. Jones

West 12th St.

New York N.Y.

Dear Sir:

Since talking with you
last week I have been
thinking that he would be
coming over here at the same
place in order to expedite
matters in getting his apparatus
ready for delivery. He will
probably be here one or two
of your men and perhaps
some other work. Please have
his rough drawings and arrange
so that it will not interfere
with regular output & oblige

Yours truly
Samuel B. Jones

The report of the work of the company
is in the office

possible care will be taken in packing, but we will not be responsible for breakage.
 claims for shortages or defective material considered, unless made within ten days after receipt of goods.

No. _____

Pittsburgh, Pa. April 30th 1893

N. Tesla Esq
 New York

W. E. & M. Co's Order No. _____

Purchaser's Order No. _____



Bought of Westinghouse Electric & Manufacturing Company.

Terms _____

| | | | | | | |
|--------|---|---|---------------|--------|--|--------|
| 1892 | | | | | | |
| Feb 4 | 1 | Tesla Motor as per specifications furnished | exper | 200 00 | | 200 00 |
| Dec 12 | 1 | 24 Pole A. C. Motor Armature | exper | 25 00 | | 25 00 |
| Jan 5 | 3 | Rings of Sheet Iron + Tesla | | 5 00 | | 5 00 |
| Mar 3 | 2 | Laminated Magnets N. T. | | 70 00 | | 70 00 |
| " 18 | 2 | 112 H.P Tesla Motor | 75% | 150 00 | | |
| | 2 | " | " Tesla A. C. | 107 00 | | |
| | 1 | " 0 W. C. Exciter | Experiment | 125 00 | | 382 00 |
| " 21 | 1 | E 500 Volt Motor | | | | |
| | 1 | Pulley | | | | |
| | 1 | Bare | | | | |
| | | N. T. | | 168 00 | | |
| | | Less 30% | | 50 40 | | |
| | | | | 117 60 | | |
| | | Less 10% | | 11 76 | | 105 84 |
| | | | | | | 787 84 |

Westinghouse Electric & Manufacturing Company,
Pittsburg, Pa.

Room 27, Westinghouse Bldg.,

March 13th, 1895.

Mr. Nikola Tesla,

Hotel Gerloch,

New York, N. Y.

My Dear Sir:--

Noticing by to-day's papers that you had a serious loss
by the fire in your factory on South Fifth Avenue, I hasten to offer
you my sincere regret, and I trust that you were well insured and will
be able to very soon find another suitable location to carry on your
work.

Yours very truly,

George H. Stein



89

The Marbach,

New York City, March 22nd, 1895.



Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:-

You have, no doubt, learned through the papers of the unfortunate accident which has deprived all my apparatus, and of some results of my recent work. I am now rebuilding my laboratory, and will require some machinery. I shall write a letter to the Westinghouse Company about this, or consulting Mr. Adams. You will greatly oblige me if you will do what is in your power to ship what is required with the least possible delay.

Thanking you in advance, I am

Sincerely yours,

Handwritten notes and calculations on the right side of the letter:

110/133
135/140/153
152/162/168
157/184
232/238
283/318
297/319/352
331/349/352
358/363/371/377
387/398/409
428-29/434/437/440
445-48-64-65-66-70
485-497

The Gerlach,

New York City, March 27th, 1895.

Mr. Albert Schmid,

Pittsburgh, Pa.

My dear Mr. Schmid:-

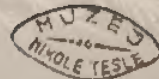
You will remember that some time ago I wrote to you that I was going to want some of your converter iron strips. I have now decided that they are to be two and five-eighths (2 5/8) inches wide and eleven and five-eighths (11 5/8) inches long. As the same as on your converters found most performance and cost, etc.

I assume that these strips will be readily obtained without much delay, and as they will be punched they will be of uniform size.

You will add to my many obligations if you will kindly see that these strips are of the best quality of iron (or steel) and annealed most carefully, and shipped with the least possible delay to my address above. I want enough of these strips to make up a weight of one thousand (1000) pounds.

Kindly let me know upon receipt of this letter when I may expect these strips. As the time is pressing, I would beg you to forward them by express at my expense.

Hoping that you will oblige me by attending to this matter at once, I am sincerely yours,



110

89
133/135/148/153
157/162/168/184/232/238
247/283/318/356/387
338/363/372/379/410
398/409/415/419/440
428-2423-372-40-300
448-64-65-66-300
485/497

193,

The Gorlach,

89
110
135
184/232-38-47-83/318-36-49-52-59
363-71-77-87-98/409-15-19-20
428-29-34-37-40-45-48-64-65
466-70-85-97
MOZED
NIKOLE TESLA

New York City, March 30th, 1901

Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:-

I have to thank you for your kind letter of March 27th. I may be able to come out and have a talk with Mr. Barnister.

The other day I wrote to you about some strips of annealed converter steel, and I am still anxiously awaiting your reply. Hoping that you have ordered the material, and that I shall get it without much delay, I am

Sincerely yours,

89
110
133
140
The Gerlach

135
New York City, March 30th, 1895.

Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:-

Oblige me and let me know, immediately upon receipt of this, what is the smallest size rotating 2-phase transformer you have in stock. I would like to have about 25 cycles a second, as adopted at Niagara. The commutator should be one possessing a great number of bars, so that I can get a continuous current which I want for some purposes in the laboratory. I would prefer such a machine to one which has got only few commutator segments, and in which the current is necessarily undulating.

I propose to use a machine of the above description and capacity about 25 H.P. or so, for driving motors, and what little machinery I want in the electrical department of my shop. I have provided steam-power for my work-shop.

You will add to my obligations if you will let me know what motors I could get to go together with that machine.

The tension should be from 125 volt upward to no more than 220 volt. I may use a machine of say 110 volt if one should be in stock. Furthermore I am not limited exactly as to the capacity, and it might be something more than 25 H.P., but not very much more.

Hoping to receive from you an early and favorable reply, and thanking you in advance, I am

Cincerely yours,

140,

89
110

The Enclach

April 1st, 1898.

133
135
153
232-38-47-83/318-57-62-68-84
363-71-77-87-48-404-15-18-20-28-29
434-57-40-45-48-64-65-66-70-85-97



Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:-

Your letter of March 28th received.

I am much obliged for your kindness in attending to the matter at once, and would only remind you not to send the strips by freight, but by express at my expense, and please also advise me by dispatch of the shipment.

Yours sincerely,

ch.
row 100-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-10

Many thanks for your kind letter.

You mention in your letter that it would want six weeks to furnish the machine. Should you find any way of shortening this by selection of patterns existing I would be much obliged to you for doing it. But I would want, as I stated before, the best workmanship, and the best results which are within the reach of your ability and experience.

With kind regards I am

Sincerely yours,

157.

The Gerlach,

New York, April 14th, 1900
89-110-33-40
153
162
315-36 49-52-58-63-71-77-87-98-409
415 19 20-28-29-34-37-40-115-48 64 65 66 70
455-47
MUZEJ
NIKOLE TESLE

Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:-

I have just received your dispatch
advising me of the shipment of 112 pounds iron strips, as ordered.
Please accept my best thanks for your kindness in attending to
this small affair.

Sincerely yours,

The Corliss,

New York City, April 22, 1915

Mr. Albert Corliss,
Pittsburgh, Pa.

My dear Mr. Corliss:-

Your dispatch of yesterday, relating to the high-tension converters, received. I shall write you about the matter Monday, but I have to suggest some little improvements on the converters you have made before. These, however, will not involve any loss of time.

Thanking you for your attention in replying, I am

Sincerely yours,

54/110-23-40-53
157
168-54-232-38-442
283-518-36-49-22
378-409-15-19-20-28-29-34-37-40-45
1145-64-65 64-71-55 97



Westinghouse Electric & Manufacturing Company,

120 BROADWAY.

NEW YORK, N. Y., April 8th, 1895.

Nikola Tesla, Esq.,

The Gerlach,

New York City..

Dear Mr. Tesla:

I am in receipt to-day of your letter of the 3rd inst. and have instructed Pittsburgh to prepare and ship the rotating two-phase transformer described by Mr. Schmid. The order will receive our best attention, and when I get the data it will give me pleasure to make the price as low as we possibly can.

I have regretted every time I have thought of your misfortune that you should have met with such a loss. I am very glad to know that you took off your coat and went to work again to get everything back into shape as soon as possible.

I expect to be in New York several days and shall hope to have the pleasure of seeing you.

Yours truly,

Frank B. Munster
Vice President & General Manager.



The Gerlach,

New York, April 9th, 1908.

Mr. Albert Schmid,

Pittsburgh, Pa.

My dear Mr. Schmid:-

Your dispatch, advising me of the shipment of the balance of the strips, received. I have also received a letter from Mr. Stillwell, in which he informs me that the order for the rotary transformer is put through the shop. You will greatly oblige me if you will push the work on that transformer, and make it excellent in every way, as it is likely that I shall exhibit it in connection with my oscillators.

Mr. Stillwell told me the other day that you have shipped to my address the two rotating-field rings which were exhibited at the World's Fair. I am very anxious to get them, but as I have, as yet, not received anything, I am afraid that they are somewhere at the railroad station. Kindly look into the matter and trace them.

Thanking you again, I am

Sincerely yours,

176.
46, E. Houston St.,

New York City, April 12th, 1896.

Westinghouse Electric Co.,
Pittsburgh, Pa.

0
183-202-221
252-303, 225

Gentlemen:-



The iron strips which you have forwarded have been received. I thank you for your prompt delivery, and would beg you to forward the bill soon.

Very truly yours,

172.
46, E. Houston St.,

New York City, April 12th, 1895.

Mr. W. C. Clark,

Pittsburgh, Pa.

My dear Sir:-

Your favor of April 10th is received.

I thank you very much for your kindness in writing me, and
attending to the matter.

Very truly yours,

H. Tesla



123

115 481

New York City,

46, E. Houston St., April 13th, 1895.

171
2221-282
303, 223

Westinghouse Electric Co.,
Pittsburgh, Pa.



Gentlemen:-

Please forward, with the least possible delay,
three small, direct-current motors, viz., one H.P., one-half H.P.
and one-quarter H.P. All the three motors must be wound for a
220 volt circuit.

Hoping that you will favor me with an early shipment of this
apparatus, I am

Very truly yours,

MS 481

127

46, E. Houston St.,

New York City, April 13th, 1902

40-53-37-62

110-13-18

118

232

313-36 47-52-58-61-71-77-79

409-15 14-20-28-29-31-32

445-48-64-65-66-70-75-76

35-41-83

71-77-79

79-81-82

80-85-86

87-88-89

90-91-92

93-94-95

96-97-98

99-100

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795-796

797-798

799-800

801-802

803-804

805-806

807-808

809-810

811-812

813-814

815-816

817-818

819-820

821-822

823-824

825-826

827-828

829-830

831-832

833-834

835-836

837-838

839-840

841-842

843-844

845-846

847-848

849-850

851-852

853-854

855-856

857-858

859-860

861-862

863-864

865-866

867-868

869-870

871-872

873-874

875-876

877-878

879-880

881-882

883-884

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997-998

999-1000



Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:-

I have just written to the Westinghouse Company about three small direct-current motors, viz., one H.P., one-half H.P. and one-quarter H.P., all to be wound for 220 volts. Please oblige me and let me have these at once, as I need them temporarily in the shop, where I have at present only the direct current from the central station.

Sincerely yours,

24
New York City,

46, E. Houston St., April 16th, 1895.

Westinghouse Electric Co.,

Pittsburgh, Pa.

Gentlemen:-

I beg to acknowledge the receipt of your favor of April 16th, and wish to thank you for your prompt reply.

As you have no smaller motors, I shall have to get along with what you can furnish. Please forward, as soon as possible, one one H.P. motor, 1900 revolutions, wound for 220 volt circuit, and one 3/4 H.P. motor for the same circuit and 1300 revolutions per minute.

I imply that the latter motor is really a one H.P. motor in disguise, and I expect that these two motors will be sufficient for my present purposes.

Kindly oblige me by a speedy delivery.

Thanking you in advance, I am

Very truly yours,



46, E. Houston St.,

New York City, April 20th, 1895.

Westinghouse Electric Co.,

Pittsburgh, Pa.

171-113
902
282-303



Gentlemen:-

I beg to acknowledge the receipt of the two rotating-field rings which were exhibited at the World's Fair. Please accept my best thanks for your kindness in giving me this apparatus, to which I attach now a special value, since most of the objects which were dear to me have been destroyed.

Very truly yours,

40, E. Houston St., New York City, April 23rd, 1905

Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:-

Some time ago you will remember I wrote you about some high-tension converters which I needed in the pursuance of my investigations, and the old ones have been destroyed.

Upon receiving the high-tension converters from the World's Fair, I found that one of them was injured. I was then obliged to take it out and repair it, and on that occasion I noted certain defects which I have tried to remedy in the design which I have mailed to you this day.

I have no doubt that the drawing will be clear enough for you to save all description. I would only remark that in making up the secondary spools I have suggested that you will use fiber washers riveted together by small brass rivets. These washers I suppose you can make up of small pieces, so that they would not involve the cutting up of large fiber sheets, but I do not want you to spare a few dollars on my account. In the center of the iron core I have found it indispensable to put a brass bolt as indicated in the drawing, and furthermore to place iron strips in front of the ends of the core. These strips I need for several reasons.

I would beg you to instruct Mr. Kaiser to wind these secondaries most carefully and try to place exactly 100 turns of wire #26 on each layer. On the ends of each layer wind string of slightly larger diameter than the insulated wire, so that there will be a tendency for the paper that is placed between the layers to bulge up on the ends. This paper I calculated to be very nearly $1/64$ inch thick.

The ends of the secondary ought to finish as indicated in a and b. Of course I count that you will put fewer turns on the last layer, and then wind thick and stranded wire on the top to protect the finer wire.

Each half of the primary will have four ends, as the winding is made by two wires insulated from each other. There should be, then, eight binding-posts for the primary.

Please oblige me by a reply whether everything is understood, and begin the work without delay.

I shall be very much obliged for your personal attention, and for any services that you may render me in this connection.

Very sincerely yours,

46, E. Houston St.,
Pittsburgh, Pa.

City, April 23, 1915.

Mr. Albert Schmid,
Pittsburgh, Pa.

My dear Mr. Schmid:

In writing you yesterday about the high-tension converter, I forgot to mention that I would prefer to place the iron tank, which should be very strong, on a small truck fitted for that purpose, so that it can be readily moved.

You need not cover the iron tank with the boards, as you did on the old apparatus, as this simply increases the weight and cost.

Inside I have shown the wood, which, of course, should be the dryest pattern wood, filling as much space around the coil as possible, so as to reduce the amount of oil to the minimum. Besides saving the oil there is an advantage of the coil being lighter and safer. Please therefore, instruct the carpenter to cut off the pieces so as to fit everywhere around the coils to a distance of about $\frac{3}{4}$ of an inch, which I consider minimum. You may also place a board between the two secondary spools at a distance of $\frac{3}{4}$ of an inch from each.

Please remember, also, that when winding the secondary I would under no circumstances use shellac or any other varnish, but some light oil, as paraffine oil, which will be brushed over each layer when it is finished. Do not use linseed oil, as the coil might get hot during the winding.

You will greatly oblige me if you will send me a dispatch upon receipt of this, that you have my sketch, and that you are proceeding with the work.

Hoping to hear from you shortly, also, in regard to the rotating transformer which I have ordered, favorable news, I am

Sincerely yours,

Ms 481

241

46, E. Houston St.,

New York City, April 25th, 1895.

Mr. C. F. Scott,

Pittsburgh, Pa.

225
3-0-12

My dear Mr. Scott:-

I have written to the Westinghouse Company about a high-tension converter of a somewhat modified design, which is intended to replace the old converters constructed for the Edison's plant.

Although I know that Mr. Schmid will do for me as much as he can, yet fearing that he may be too busy, or away from the factory, I write this to ask you if you would not kindly devote a little attention to this small matter. I shall be very much obliged to you if you will see that I get at least one of the two converters very soon. I hope also that you may be able to advance the construction of the rotating transformer which I have ordered some time ago. My work has been suddenly interrupted just as I was at the most interesting stage of the development of certain ideas, and I need very much my apparatus to begin work anew.

Thanking you in advance for any service in this connection,

I am

Sincerely yours,

31

Folder 19

New York City, April 26th, 1935.

Pittsburgh, Pa.

Your dispatch of yesterday received.

Yours sincerely,

10, N. Woodson St.,

11/12/20
201
3112



Singhouse Electric Co.,

11/12/20

I wish to acknowledge the receipt of goods as per
order of 11/12/20. The goods received are:
220 Volt Motor; 220 Volt. Stand
Round Motor, with belt tightener slides, Two Rheostats and a relay.
The blue-prints showing the diagrams of connections have also
been received under separate cover.

Thanking you for the speedy delivery, I am,

Very truly yours,

40, P. Newton St.,

Mr. Albert Schmid,

Dear Mr. Schmid:-

I would be much obliged if you will kindly let me know how the work on the rotating transformer is progressing, and when you expect to be able to ship it.

Very sincerely yours,



40, E. Houston St.,

City, May 4th, 1895.

W. T. Scott,
Pittsburgh, Pa.

My dear Mr. Scott:-

Thanks for your letter of May 3rd, which
I have just received.

I hardly need to assure you again, on this occasion, that I
shall be much obliged for any trouble you take in advancing the
work on my apparatus.

I am particularly anxious about the rotating transformer, as
I have not heard anything since some time in regard to it.

Yours very truly,



46, E. Houston St.,

New York City, May 9th, 1895.

Mr. C. T. Scott,

Pittsburgh, Pa.

Dear Mr. Scott:-

Thanks for the favorable report in regard to the rotating transformer. I would not bother you with this matter knowing that you are doing all in your power to advance the work, were it not that I am so very anxious to begin anew my interrupted experiments. This kind of work is almost essential to my health, and I hope that its resumption will have a good effect upon me.

Sincerely yours,



46, E. Houston St.,

New York City, May 9th, 1895.

Westinghouse Electric Company,

Pittsburgh, Pa.,

Mr. Albert Schmid, Supt.

282
171-113-202-221
223



Dear Mr. Schmid:-

When I ordered the 30 H.P. rotating transformer, I implied that a starting-box will go with it.

I have, not, in my laboratory, the direct current from the city mains, and will require a box to start the transformer. You may have a box ready, and if not, kindly have one made for the purpose, and shipped with the transformer or before.

Very truly yours,

315 318
46, E. Houston St.,

New York City, May 14th, 1895.
241-855
300
54~

Mr. C. F. Scott, Electrician,
Westinghouse Electric Co.,
Pittsburgh, Pa.



Dear Sir:-

Your favor of May 11th just received. I know that you have an extended experience in kindred matters, and that you will employ the best method of bringing out the terminals. I would only suggest, because of the convenience I would have, that you put on the top substantial binding-posts for the primary as well as for the secondary wire, so as to enable me to attach, even to the latter a heavy wire. The rubber columns, on the top of which the secondary binding-posts are to be placed, should be removable, so that they would not interfere with the boxing in case of shipment. The best way, it seems to me, would be to connect the secondary wire as deep in the tank as possible to two metal blocks, in to which metal rods covered with hard rubber would be screwed.

I have further to suggest that the tank be placed on a small truck with rollers, and there should be on each side ordinary iron handles for eventually lifting the whole.

Hoping that I shall get the coil soon, and thanking you for your attention and trouble taken in the matter, I am

Very truly yours,

38

318.

46, F. Houston St.,

New York City, 1st St., 1895.

Mr. Albert Schmid, Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

This will introduce to you, Mr. Johan. Jordan, from Vienne, who desires to exploit here some improved carbons of his own manufacture, and look up other business, with the view of importing to Europe some American machinery or articles.

Any courtesy and service you may be able to render to Mr. Jordan will be appreciated by me.

Sincerely yours,



3257

46, E. Houston St.,

New York City, May 15th, 1895.

Mr. W. C. Clark, Assist.Gen.Manager,
Westinghouse Electric Co.,
Pittsburgh, Pa.

175



Dear Sir:-

From your favor of May 14th, just received, I infer that Mr. Bannister is absent, and I take liberty to write to you, and say that, in my opinion, Captain de Khotinsky would be a very valuable addition to your staff, especially if the Westinghouse Company are engaged in any accumulator or electrolytic work, as he has extended experience in that direction.

Very truly yours,

H. P. Pella

327.

46, E. Houston St.,

New York City, May 16th, 1894.

Mr. W. J. Longmore,

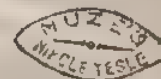
Westinghouse Electric Co.,

New York City.

Dear Sir:-

I will introduce to you, Mr. Francis Jehl,
whom I have known for many years. I have a high opinion of Mr.
Jehl's integrity in his business dealings, and am convinced that
whatever you arrange with him, you will have no cause to regret it.

Very truly yours,



MS 481

336.

40, E. Houston St.,

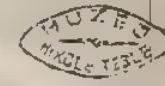
New York City, N. Y. 17th, 1885.

50/10-13-35-4053-57-62-68 54/32-38-47-53

318

349

4-9-15-19-20-25-29-34-37-40-45-47-64-65
166-70-15-97



Mr. Albert Schmid, Esq.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

I have received your favor of before yesterday, and would beg you, in constructing the rheostat, to allow plenty of wire capacity, as I would like to get a resistance box which not only would be convenient for starting the rotating transformer, but could be used also for other purposes, and in such emergencies I would like to have as wide a range as possible.

Hoping that you will soon be able to ship the machine and apparatus ordered, I am

Sincerely yours,

333,

16, E. Houston St.,

New York City, May 18th, 1895.

0

P. O. No. 1000,

Westinghouse Electric Co.,

Philadelphia, Pa.



Dear Sir:-

Your letter with inclosure received. I have now a greater faith than ever in your honesty, for the inclosures consisted of Government Bonds.

I am located at above address, and will be pleased to see you any time.

Very truly yours,

44

3152

46, P. Houston St.,

New York City, May 22nd, 1895.

89/100-42-5540-53-57-62 6547-232-36
349

Mr. Albert Schmidt,

Westinghouse Electric Co.,

Pittsburgh, Pa.

358-63-71-77 87-98
409-5-10-10-29-29 134-27-40-45-48 64 65-
466-70-85-91



My dear Mr. Schmidt:-

Please mail, as soon as possible, upon receipt of this letter, the blue-prints of the rotating-field transformer, as I want the dimensions of the base.

Oblige me by an answer without delay.

Sincerely yours,

352.

40, E. Houston St.,

New York City, May 28/29, 38 47 54/318

Mr. Albert Schmid, Esq.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

Thanks for blue-print of the foundation
for my rotating transformer which I have just received together
with your letter of May 14th.

I hope that you will be able to ship the machine, as promised
in your last letter. I also anticipate the shipment of the high-
tension transformer very shortly.

With thanks for your kindness, I am

Sincerely yours,



363.

46, E. Houston St.,

New York City, May 29th, 1895.

Mr. Albert Schmid, Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

I will introduce to you Mr. J. J.

Bellman, who is desirous of securing a position with an electric company. There is no need of my testifying to his qualities, as his certificate from the Columbia College will show. In engaging his services you will make a valuable addition to your staff, and greatly oblige me.

Sincerely yours,



Mr. W. H. Houston Esq.,

New York City, N.Y., 1900.

Mr. Albert Schmid,

Edison House Electric Co.,

Pittsburgh, Pa.

Dear Mr. Schmid:-

I have just received your letter of the 10th inst. and am glad to learn that the shipment will not be made before Tuesday next. I am sure that there can be no mistake on any dynamo that you design. I consider the test a superfluous affair, and would suggest that you ship the machine directly. Please also take care that the apparatus is not unduly delayed on the railroad. I do not care for spending a few dollars more, provided I get it quicker.

Sincerely yours,



46, E. Houston St.,

New York City, June 10th, 1895.

Mr. Albert Schmid, Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

Your dispatch of Saturday has reached me

late in the afternoon. I thank you very much for the prompt attention to my letter, and hope that the machine has turned out entirely to your satisfaction, which means to say that it cannot be further improved.

You will add to my obligations if you will inform me when you expect to ship my high-tension coil. It must be very well under way, judging from a letter which Mr. Scott wrote to me some time ago. I hope also that you will be able to ship the starting-box together with the rotating-transformer.

Hoping to have soon the pleasure of seeing you, I am

Sincerely yours,

46, E. Houston St.,

New York City, June 13th, 1893.

Mr. Albert Schmid, Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

Your letter of June 12th has just reached me. I am very glad to learn that the generator has been shipped, and that I have now the prospect of soon continuing the line of experiment which was interrupted a few months ago. Kindly oblige me by forwarding the box as soon as ready, because it will be difficult for me to operate the motor without it. I appreciate the use of the German silver wires insuring constant resistance, and will value it the more if the bill turns out to be small. The latter requirement is far more important for me than the constant resistance.

Hoping that the converter will be shipped at the time promised, and thanking you for your help, I am

Very sincerely yours,



398.

46, E. Houston St.,

New York City, June 15th 1895.

Mr. Albert Schmid, Genl. Westinghouse Elec. Co.,
Pittsburgh, Pa.

My dear Mr. Schmid:-

Having not to this day, as yet, received the invoice of the rotating transformer, which you inform me you have shipped Monday last, presumably by freight, I would beg you to ship the regulating box as well as the high tension coil by express. I suppose that the weight of this apparatus will not be such as to make the shipment in this way very expensive.

Thanking you in advance, I am

Sincerely yours,

46, E. Houston St.

New York City, June 19th, 1895.

Mr. Albert Schmid, GENERAL (Supt.)

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear General:-

Your dispatch of yesterday, for which I am much obliged, was received, and I have since also received the note of shipment. I am unable to locate, as yet, the transformer; it seems to be still under way. In view of this I would beg you to always ship the goods, or make communications, except of a personal nature, to my laboratory, 46, East Houston Street.

Thanking you in advance, I am

Sincerely yours,



46, E. Houston St.

New York City, June 20th, 1895.

Mr. Albert Schmid, Gen. Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

Your dispatch in regard to the converters has been handed to me this moment, and I have replied immediately by wire, asking you to ship the converters by express, in view of the long delay by freight. I am very disappointed for not having, as yet, obtained news of the rotating transfer, although it is now over ten days since, according to your letter, it was shipped.

With best thanks for your kindness, and anticipating the pleasure of seeing you soon, I am

Very sincerely yours,

46, E. Houston St.,

New York City,

June 21st, 1895.

Mr. Albert Schmid, Gen. Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

The rotating transformer has been finally received, and I am very pleased by the first inspection of the machine, which shows that you have bestowed upon it more than the usual care.

I shall be much obliged to you if you will kindly send me of the machine, blue-prints and such particulars as you can give without departing from the usual practice of your company in kindred matters.

I would like, of course, to know everything pertaining to the winding and the constants of the iron, so as to be able to profit by the experiments with this machine as much as possible.

Hoping that the high tension apparatus will be received in good shape, I am

Yours very sincerely,



46, E. Houston St.

89/11/21 York June 22nd, 1895.

Mr. Albert Schmid, Gen. Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

I have run the motor yesterday, and was very much pleased to note the great improvements you have made in these machines over those of two or three years ago. I have no doubt that it is a highly efficient machine, judging from the quickness with which the speed regulation is effected. My idea was that you would ship a pulley together with the motor, as you do with generators. The most suitable size for me would be between 16 and 20 inches. I would like you would send on one which is very well balanced, of that size, or slightly larger.

Hoping to hear from you with return mail, I am

Sincerely yours,

420,

40, E. Houston St.,

New York

Oct 31st, 1935.

Mr. Albert Schmid, Gen. Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

I note from your letter of a few days ago that you have shipped the field regulating-box of the rotating transformer. As I have not yet received it, I would beg you to see whether it has been shipped with the transformer.

I am hopeful that you will be able to ship the starting-box very soon.

Yours sincerely,



46, E. Houston St.

New York City, N. Y., 24th, 1895.

M. Albert Schmid, Gen. Supt.,
Westinghouse Electric Co.,
Pittsburgh, Pa.

My dear Mr. Schmid:-

Will you kindly forward, as speedily as possible, rings of sheet iron, 9-1/2 inches inside, and 11 inches outside diameter? The thickness of the sheet iron should be between 1/64 and 1/32 of an inch, or whatever thickness you use in your armatures. The iron should be of the highest quality and best annealed, and I shall want about 100 pounds of these plates.

Hoping that you will be good enough to personally order this material, I am

Yours sincerely,

Houston St.,

New York City, June 26th, 1895.

which I have a few mistakes have been made for no reason beyond the

the laminated iron as required in my there have been put flat bars of ordi- ends of the core. Furthermore there were no holes provided for the oil to circulate the two secondary coils should be fastened or otherwise to prevent a terminals the coil the coil was placed of the of high the fastened the ends of terminal wires put rubber coils the way they are made. The wires have been sur the wood, as required in section, this necessary so as to enable the inserting of the plates opposite to the ends of the core.

Otherwise the coil seems to be made up excellently, and the parts well fastened in the frame. I consider the arrangement of the central wood plate with the blocks on the sides to hold the secondary coils in position a very good one.

I am now regarding the exact particulars which relate to these coils, and I shall let you know immediately after testing them, how far they meet the requirements.

Hoping that you will not take these remarks as an adverse criticism, and thanking you again for your kindness, I am

Sincerely yours,

L43.

46, E. Houston St.,
New York City, June 28th, 1895.

Wm. S. G. d, Gen. Supt.,
Westinghouse Electric Co.,
Pittsburgh, Pa.

437
445

RECEIVED
JUL 1 1895

Letter of June 28th has been re-
ceived and is contained therein.
I am sorry to hear of the serious
trouble to remedy. If I
could be done with the
h were connected in the
inch
these brass plates
coil. Instead of this
ch beyond the first se-
up 5 inches the
to 70 layers, and this
ored by the screws protruding a good
se of a superimposed vibration in the
y 100,000 volts between the layers
and the coil would surely break down.
ile broke down in this way, and I was
particularly thinking of the coils, but forgot
the plates.
nated iron, and have altered the ends
of the plates in the die, doing away with the brass
plates, because they were unnecessary and could cause trouble.
the coils, but the frame
everything seemed otherwise in perfect
are in constructing these coils.
With very truly,
I am

Very truly,
Wm. S. G.

46, E. Houston St.

Mr. Albert Schmid, Gen. Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

You will perhaps remember that I told you
I took the liberty of writing to you, through Mr.
Emile Smith. He is a graduate from college, and has had some
practical experience in mechanical and electrical engineering.
You know that I do not often recommend people, but the good opinion
that I have of Mr. Smith prompts me to once more write and ask you
whether you might not be able to give him a position at present in
some of your factories. If you can do so you will oblige me.

Sincerely yours,

442,

40, ^{as} Houston St.,

New York City, July 3rd, 1895.

Mr. Albert Schmid, Gen. Supt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

445
464



My dear Mr. Schmid:-

I have just received the blue-prints pertaining to the 30 H.P. rotating transformer, and wish to thank you for them. The German silver wire resistance box for starting the transformer has not yet been received, but I presume that it is shipped or if not, that it will be shortly forwarded. I have received the box for the field regulation.

In some of my tests I would like to run the transformer up to about 1200 revolutions per minute; this would be 50% higher than the normal speed. I am convinced that there would be no danger whatever, judging from the general aspect of the machine, but I would be very glad to let me know whether you consider such running safe.

Anticipating an early reply, I am

Very sincerely yours,

464

46, W. Houston St.,

89/110-33-35
 232-38-41-83/18-36-49
 387-98/409-15 19 50-28-29-34-37-40-43-

10-52-57-62-68-84
 52-58-63-70-77
 100, 1000.

448

465-66-70-75-97

Mr. Albert Schmid, Gen. Mgr.,

Westinghouse Electric Co.,

Pittsburgh, Pa.



My dear Mr. Schmid:

Will you kindly forward to my above address, six dozen large binding-posts which you usually put on your apparatus? I want about the size that you have put on the rotary transformer.

Anticipating an early reply, I am

Yours sincerely,

New York

W. H. House Electric Co.,

Pittsburgh, Pa.

For more info. Contact:-

Your favor of July 8th received.

I can only say in favor of "Mr. Galt", that he resembles
me, and to his disadvantage that he resembles me. I hope that
this latter will be not a serious objection, and would also beg you
to remember that still waters are deep.

Hoping that you will be able to do something for him, I am

Sincerely yours,

16, E. Houston St.,

A. Albert Schmid, Gen. Mgt.,

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Schmid:-

July 22, 1917.

I can only say in favor of Mr. Smith, that his name resembles yours, and to his disadvantage that he resembles me. I hope that the latter will be not a serious objection, and would also beg you to remember that still waters are deep.

Hoping that you will be able to do something for him, I am

Sincerely yours,

465

89-110-33-35-40-53-57-62-68-84-
232-38-47-83/315-325-49-52-58
363-71-77-87-93/409-15-19-20-28-29
43-46-45-48-
464
466-70-85-97



466.

46, E. Houston St.,
New York City, July 11th, 1905.

465
470



Mr. Albert Schmid, Gen. Supt.,
Westinghouse Electric Co.,
Pittsburgh, Pa.

My dear Mr. Schmid:-

Your favor of July 10th received, from which I learn with pleasure that the starting-box will be shipped this day.

In my letter to you yesterday, I asked you to forward six cores of our lightning-rod wire, and would here repeat that you will oblige me by sending them on without delay.

In addition to the lightning-rods I would like to get some of our single and double wire, because I can get them cheaper for the same size at the house here. Kindly forward half a dozen of each size and half a dozen single. The latter ones will be, roughly, for about 50 amperes, and the former for about 100 amperes in each circuit.

For some cars which I am driving with alternating current I require a couple of small alternating motors. The best size for this is about 1/4 of a H.P. two-phase, and about 1/8 of a H.P. single-phase induction motor, if you have such one on hand. The material is in the material; I presume that you wind them for 100 or 80 volts.

Should these sizes not be on hand, please let me have the nearest to it.

Hoping you will have the kindness to attend to this matter, I am

Yours sincerely,

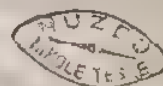
470.

46, E. Houston St.,

New York City, July 12th, 1895.

Mr. Albert Schmid, Gen. Supt.,
Westinghouse Electric Co.,
Pittsburgh, Pa.

466
485



My dear Mr. Schmid:-

Your letter of July 11th received.

I meant the kind of binding-posts which you usually put on your dynamos. I thought that you had a large number of these binding-posts in stock, as you are constantly using them, and I would wish the large size. Anything that you select will be suitable for me. I would make them up in my shop, but I cannot spare the time, as I must keep my men on more important work.

Hoping that you will be able to find something which will do for my purpose, and thanking you, I am

Yours sincerely,

485

481

46, E. Houston St.,

New York City, July 24th, 1895.

Mr. Albert Schmid, Gen. Supt.,
Westinghouse Electric Co.,
Pittsburgh, Pa.

470
497



My dear Mr. Schmid:-

Your letter and blue-print for binding-
posts received. Kindly excuse delay in answering, which was caused
by some derangements in my office.

I have taken the liberty of cutting out the print of the
binding-post I shall require from your sample sheet. You will
greatly oblige me if you will forward six dozen of these binding-
posts at your earliest opportunity.

I have not, as yet, received the motors and switches about
which I have written you before. I anticipate that they have been
forwarded in accordance with your promise.

Thanking you for your kindness, I am

Yours sincerely,

497.

40, E. Houston St.,

New York City, July 25th, 1935.

485

Mr. Albert Schmid, Gen'l Mgr.,

Westinghouse Electric Co.,

Pittsburgh, Pa.



My dear Mr. Schmid:-

Your letter of July 25th has just reached me. I have wired in reply as follows: "Please forward binding-posts single, not mounted in pairs. Oblige by shipment without delay by express."

I hope that you will be able to ship these binding-posts this week, as I want them, and also that the 1/2 "P. motors have been forwarded in accordance with your letter.

Yours very sincerely,

Westinghouse Electric & Manufacturing Company,

Pittsburg, Pa.

ADDRESS ALL COMMUNICATIONS
TO THE COMPANY.

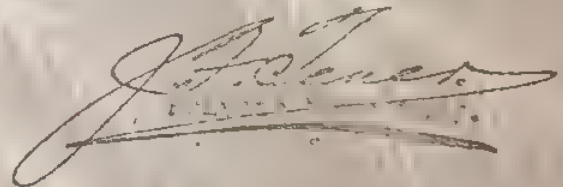
Y. N. City.

Dear Sir:-

This letter will be handed to you by Mr. Cleveland Moffet,
concerning wher: you have already received a letter signed by Mr. Bannist
the mails by mistake.

Yours truly,

Westinghouse Electric & Mfg. Co.,



Westinghouse Electric & Manufacturing Company,

Pittsburg, Pa. Dec. 16th, 1895.

ADDED ALL DRAWINGS, ETC.
TO THE COMPANY

Mr. Nikola Tesla,

The Gerlach,

1001 St.

I am sending you under another cover a set of circulars des-

The publication of this series of circulars was undertaken a few months since, and you will note that a number of them describe machinery which we have been manufacturing for a number of years. We send also one of the flexible covers provided for filing purposes, and our Mr. Dickson will see that a copy of each is mailed to you from time to time as issued.

I think you will be particularly interested in circulars Nos. 3 and 10, and if you have any criticism or suggestion we shall be most happy to receive it, and profit by it.

Very truly yours,

W. J. Smith

Westinghouse Electric Manufacturing Company,

Pittsburg, Pa.

Dec. 23, 1895.

At Pittsburg, Pa.

New York, N. Y.

I am pleased to go abroad on the 22d of

I will see you before I

at the season, I remain,

Very truly yours,

W. B. Schenck

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Manufacturing Company,
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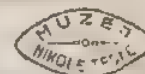
17

Westinghouse Electric & Manufacturing Company.

120 BROADWAY,

NEW YORK, N. Y., February 20th, 1896.

Nikola Tesla, Esq.,
46 E. Houston St.,
City.



Dear Sir:-

We would be pleased to have you use your influence to have
Dr. Louis Duncan nominated for Presidency of the American Institute of
Electrical Engineers for the coming year.

Yours truly,

WM. F. ZIMMERMANN,

Gen'l Eastern Agent.

1881

Co.,

Mr. O. A. I

in ever

draftsman and, as far as I can
in any of the departments of your large
I would be glad to give him a position in my shop, if I had
opportunity. You will greatly oblige me if you will do for
reason
what you can, and I hope that you will have every to be satisfied
with his services, should you give him employment.

Yours sincerely,

42

g. Company,

82
New York, May 2nd, 1896.

#46 & 48 E. Houston Str.

Mr. W. H. D. Lange.

Westinghouse Electric Co.,

Pittsburgh, Pa.

My dear Mr. Lange:-

This will introduce to you Mr. A. Pfeiffer, who has been highly recommended to me, and in whose ability and integrity I have great confidence. He has received an excellent training at the Sheffield Scientific School and has, besides, done practical work.

If you will accord him an opportunity to convince you of his abilities I shall be much obliged.

Yours sincerely,

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Inclosure

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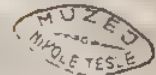
New York, Jan. 3rd, 1897.

10 E. Houston Str.

Dear Sir,

Very much,

Yours,



I have the honor to acknowledge the receipt of your letter of the 1st inst. in relation to the following matter:

I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration.

320.

New York, May 2nd, 1907.

415 E. 11th St. Houston Tex.

Mr. C. C. Scott,

Electric & Westinghouse Elec. Co.,

11th St., Houston, Tex.

Dear Mr. Scott:-

I would herewith introduce to you Mr. J. Achiyama, who has arrived from Japan with a view of acquiring practical knowledge of electrical machinery, particularly of the long distance transmission of power.

Any help or courtesy extended to him will be very much appreciated.

Yours sincerely,

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356
FILED

Westinghouse Electric & Manufacturing Company.
Pittsburg Agency.

To secure prompt attention address reply to
Room 27, Westinghouse Building.

Pittsburg, Pa. May 28, 1897.

Mr. Nicola Tesla,

New York, N. Y. (West Houston St.)

My dear Mr. Tesla:-

One of my friends is in charge of the Adams Mining property, an iron ore mine owned by the Rockefeller interests in Minnesota. They of course have a large number of operators and accidents are continually happening. They have a very progressive hospital and medical system in charge of a very capable physician, Dr. Moore by name. Dr. Moore wants to secure X ray apparatus which will enable him in case of an accident to a man to make a quick photograph of the injured parts, and from this determine as to the best method of procedure. If possible he would like to get a machine which would enable him to make a photograph through the hip with an exposure of five minutes. It is the writer's recollection that you are interested in the manufacture of such a machine. If my impression is correct will you kindly send me such circulars as you may have and advise me whether the pictures he desires are within the range of possibilities at the present stage of the art.

Thanking you in advance for your courtesy in this matter, I
beg to remain,

Yours truly,

Alfred Hartwell

Hartwell
Westinghouse Electric & Manufacturing Company.
Pittsburg Agency.

To secure prompt attention address reply to
Room 27, Westinghouse Building.

Pittsburg, Pa. June 5, 1907.

Mr. Nicola Tesla,

40 E. Houston St.,

New York, N. Y.

My dear Mr. Tesla:-



I have your kind favor of the 3rd instant, for which please accept the writer's thanks. I have advised Mr. Moore to hold off in his purchase until your machinery is ready for the market. As soon as it is will you kindly send me some detailed information concerning the apparatus.

Thanking you for your courtesies in this matter, and particularly your kind invitation, which I have transmitted to Dr. Moore, I beg to remain,

Yours truly,

Arthur Hartwell
AH.

356

New York, June 25th, 1897.

Wm. L. P. H. Post Office.

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MUSE
MADE IN U.S.A.

M. C. L. Scott,

Electrician, Westchester Electric Co.,

Pittsford, N. Y.

Dear Mr. Scott:-

Your letter will be presented to you by Mr. J. Richard, who is receiving the letter from me. I am a friend of your friends. Being a collector of letters I am naturally much interested in inspecting your works. I would be much obliged to you for any facilities you could afford to him in this connection.

With kind regards, I

Yours sincerely,

Westinghouse Electric & Manufacturing Company.
Pittsburg Agency.

To secure prompt attention address reply to
Room 27, Westinghouse Building.

Pittsburg, Pa. June 15. 1897

Dear Mr. Tesla:

The enclosed from to-day's Leader
may probably afford you a few moments quiet
amusement

Yours sincerely,

J. W. Hinrichs

374

New York, June 10th, 1897.

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Westinghouse Electric Co.,

Atlantic City, Pa.

Dear Mr. Heinrich:-



I am much obliged to you for your note of June 10th which, with inclosure poem, I have received.

You will observe that practically at the same time an attempt was made in France to kill President Saurat. Although the latter was not killed, the significant event you will not fail to be impressed with the singular coincidence.

Yours sincerely,

391.

356
320

Mr. Nikola Tesla,

Westinghouse Electric Co.,

Pittsburgh, Pa.



Dear Mr. Scott:-

I am introduced to you by Mr. Holman von
... electrical concern ...
... who is desirous of inspecting ...
... of ...

I suppose that he would ...
... courtesies due to him, and I ...
... to extend to him or
... visit.

Yours sincerely,

Westinghouse Electric & Manufacturing Company,

Address reply to
WM. F. ZIMMERMANN,
GENERAL EASTERN AGENT.

120 BROADWAY, NEW YORK, N. Y.

July 26th, 1897.

Nikola Tesla, Esq.,

No. 46 East Houston St., New York.



My dear Sir:

A friend of mine writes asking whether you would care to lecture at the Music Hall of the Carnegie Library, Pittsburgh. This will not be a gratis-job, and I think if you would care to lecture they would pay you the usual compensation, the amount of which I do not know; but if you will consider the proposition I would be pleased to have you let me know and I will immediately put the proper party in communication with you. The question has been asked me and therefore I take the liberty of writing you with regard to same, so please do not hesitate to do just as you feel. There is no obligation on my part, and as I understand it, lectures given at this Hall are given for "revenue".

If you will kindly let me know your views on this subject I will be very much obliged.

Yours very truly,

Wm. F. Zimmermann

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158
228



Westinghouse Electric & Manufacturing Company,

-A-

Pittsburg, Pa.

Sept. 23rd, 1897.

ADDRESS ALL COMMUNICATIONS
TO THE COMPANY.

SUBJECT - INDUCTION MOTOR.

Mr. Nickola Tesla,
46-48 E. Houston St.,
New York City.

My dear Mr. Tesla:-



In reply to your note asking data regarding a large induction motor, I take pleasure in sending you several photographs and an outline drawing giving the dimensions.

The primary winding consists of coils of thin copper strap. The motor is started by applying a low voltage received through transformers. The line current for starting at half the full load torque is just about equal to the normal full load current, and the starting torque can be increased with a corresponding increase in line current. The pulling out torque is over five or six times the normal full load torque. The power factor at half load is 91% and at full load is 96%. The efficiency is 90% at half load and 91% at full load.

The motor has a no-load speed of 375 revs. when running on a 3000 alternation circuit and the slip at full load is about 3%. The normal voltage on each of the two phases is 2200 volts. The maximum rise of temperature when carrying 500 H.P. is about 30 degrees C. The motor can readily carry 500 H.P. but is rated at 400 H.P. as the contract under which it was sold calls for a considerable overload capacity. Two of these motors have been made, the first of which has been in successful operation in the lighting station at Niagara Falls, driving the dynamos in the station, for the past month or so.

This is I beleive the largest outgrowth of the induction motors on which we worked so energetically a number of years ago.

Yours very truly,

C.F.S.


CHIEF ELECTRICIAN

167
228



Mr. W. D. Scott,

My dear Mr. Scott:-

The contents of the paper are remarkable, and I am
glad that you have been able to obtain them. I
left them in your hands.

I look upon your paper as particularly valuable in-
asmuch as the idea that large machines of that type can be built
and successfully operated.

Thanking you for your courtesies, I am,

Very truly,
Yours,

225

188
167

167



98

Westinghouse Electric & Manufacturing Company,
Pittsburg, Pa.

St. Louis Office, American Central Building,

October 26, 1897

N. Tesla, Esq.,

100 East Houston St.,

New York City.

Dear Mr. Tesla,

Your friend, Mr. Auguste Boissonnas, called on me to-day, and I was very sorry that he was simply going through and I could not show him the various things he wanted to see. He expects to stop here again on his way home from Mexico, and I will then show him all there is in this city.

Yours very truly,

G. W. Pantalone
G. W. Pantalone, Jr.

Westinghouse Electric & Manufacturing Company.
Pittsburg Agency.

To secure prompt attention address reply to
Room 27, Westinghouse Building.

Pittsburg, Pa. Dec., 3, 1897

Nikola Tesla, Esq.,

Hotel Gerlach,

New York, N.Y.



My Dear Tesla:-

I notice by the Pittsburg Papers, that you have been sick, but are now convalescing, and I take this opportunity to congratulate you upon this fact and hope that you will keep in the best of health as long as you yourself may wish.

Always, yours sincerely,

C. H. Heinrich

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AN EYESH

...

and assure you that I am physically and mentally "all right" at present.

I have, however, still a little talent which may be of assistance -
I will send you a few which you may yourself suffer from, if
you wish.

I am interested in your efforts to all the boys at school
Christmas time, for it is so important that they should have
feel disordered to some extent.

10. 11. 1957 51° 01' N, 11° 11' E

Westinghouse Electric & Manufacturing Company.
Pittsburg Agency.

To secure prompt attention address reply to
Room 27, Westinghouse Building.

Pittsburg, Pa. Dec., 8, 1907

Nikola Tesla, Esq.,

New York, N.Y.

My Dear Mr. Tesla:-



Many thanks for your kind favor of the 4th inst. - While I am very glad to hear that you are physically and mentally in perfect condition, it grieves me very much to have you inform me, that you are ailing with what you choose to call "financial anaemia", still, as you say, there is some consolation in knowing that you have many fellow sufferers, your "humble servant" being one of them. "

I shall remember your wish about speaking of you to the boys in Pittsburg and trust that some of them will feel disposed to send you a christmas remembrance.

With kindest regards, always,

Yours sincerely,

Ernest H. Hinrichs

Westinghouse Electric & Manufacturing Company,

Pittsburg, Pa. January 3rd., 1898.

ADDRESS ALL COMMUNICATIONS
TO THE COMPANY.

Mr. Nathan T. ...
441 E. ... St.,
New York, N. Y.

Dear Sir :-

We enclose herewith statement of your account up to date, together with our ... , and the writer is instructed by Mr. Westinghouse to say that we have pleasure in sending you this receipt and that in so doing we quite appreciate the service you have from time to time rendered us in recommending our apparatus, in having interested customers in our behalf and in many ways materially assisting the interests of our Company.

With the best compliments of the season, we are

Yours very truly,

Ed. Warrell
Second Vice President.

BHW

Enclosure

MS 481

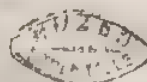
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Westinghouse Electric & Mfg. Co.,

Pittsburgh, Pa.

Gentlemen:-



I have received with interest your kind letter of Jan. 2nd, which, with the amount was duly received, because I have daily expected that my affairs would bring me to Pittsburgh, where I would have had the opportunity to thank you in person for your consideration of me.

As I do not exactly take your view of the matter, considering that the 1 per cent. on the apparatus was furnished to me on Mr. Schmidt's suggestion for the purpose of facilitating further investigations in the field of a system of polyphase power-transmission, I nevertheless appreciate very much your fairness and would beg you to transmit to Mr. Westinghouse my thanks as well as my best wishes for success in the future.

It has been my principle, ever since I have devoted myself to scientific laboratory research, never to accept fees or compensations for professional services, and I could not take advantage of your offer were it not that most of your machinery was destroyed by fire. It would have been my duty to insure the apparatus, and in such an event the amount would have been integrally

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turned over to you, but as it was not insured I am bearing your loss, since I have been deprived of the instruments which are necessary for the successful continuance of my labors in the province of ... In the future, you are acquainted with the ...



Although, in the ... my services, I would put on ... I wish to state ... the ... placed ...

Believe me to be,

Yours very truly,

Handwritten notes on the right margin, including '1861 7227' and other illegible text.

XXXX

1881-1882

87
New York, Feb. 27th, 1898.

#46 & 48 E. Houston Str.

Karl Till, Esq.,

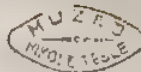
136 W. 64 Str.,

N. Y. City.

My dear Sir:-

Will you please call at your earliest convenience
at my office, above address. It is possible that I might be able
to do something to your advantage.

Yours very truly,



New York, March 5th, 1898.

#46 & 13 E. Houston Str.

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~~402~~
402

Mr. Charles Till,

Westinghouse Electric Co.,

East End Ave., Pittsburgh, Pa.



My dear Sir:-

I have been very glad to learn from your letter of March 3rd, just received, that my friends of the Westinghouse Company have found it possible to give you employment. When you came here I spoke to one or two friends about you, but there was little prospect then for a position.

I cannot conscientiously say that I could offer you anything better than you have at present and would advise you to stay there. Should you, however, be again in need of a position, you may call on me and I shall do my best to place you.

Yours very truly,

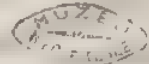
Westinghouse Electric & Manufacturing Company,

Pittsburg, Pa.

-N-

May 17th, 1898.

SUBJECT - TRANS-MISSISSIPPI INTERNATIONAL EXPOSITION.



Mr. Nikola Tesla,
#48 E. Houston street,
New York City.

My dear Sir:

In the coming Trans-Mississippi International Exposition we have taken a large and prominent space and will give special prominence to a Tesla exhibit. We will have polyphase generators and motors, and desire to add to the interest of the exhibit by placing the early Tesla apparatus. A large exhibit of this was made at the World's Fair which was then sent to you in New York. It is possible that this may have been lost in your fire, though perchance it may have escaped and is now available. We request that you will let us have for exhibit as much material as is practicable. Let us know with regard to the matter at an early day as the Exposition opens very soon.

Very truly yours,

WESTINGHOUSE ELECTRIC & M'FG CO.

CPS

L. A. Osborne
ASST TO SECOND VICE PRESIDENT

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Pittsburgh, Pa.

[illegible]

Folder 19

109

Yours very truly,

Westinghouse Electric & Manufacturing Company,

Pittsburg, Pa.

- A -

Oct. 12th. 1898

Mr Nicola Tesla,

New York City, N.Y.



Dear Sir :-

Your telegram of October 12th., addressed to Mr Means has been referred to me.

The man you refer to is probably Mr Haardt, who came to us last December. I have just spoken to him about the matter and he is in doubt as to whether he wishes to take the position.

Would request that you kindly advise me what is the nature of the work required and if Mr Haardt wishes to accept the position, we shall be glad to let you have him. If not, I will see if we can recommend another candidate.

Yours very truly,

OSL-JT/G

Chief Engineer.

P.S.

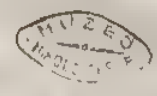
Have just telegraphed you as follows, "Means not with this Company. Have written."

OSL-Jr.

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... view of giving his own employment by ... of
course, all was subject to ... approval.

Very truly,
...

RECEIVED
FEBRUARY 1911

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Anderson, Leif -
MS 481

Anderson - Leif
and his wife

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and Manuscript Co. (Box 7227) Atlanta Ga.

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Box 9
Vol 19

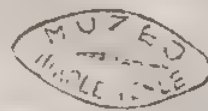
Pittsburg Pa. East End Ave. - Nov - 16 - 98.

Mr. Nikola Tesla

New York

46-48 - E. Houston str.

Dear Sir. -



Thanking you for your kind letter of the 8th, I beg to say, that private circumstances made my departure from here necessary and with your kind permission I will inform you of my whereabouts in the near future.

Respectfully Yours
Charles V. Till

1898
Nov 18 3

Folder 19

Westinghouse Electric & Manufacturing Company,

120 BROADWAY, NEW YORK, N. Y.

February 2, 1892.

Nicola Tesla, Esq.,

446 West 11th St., N.Y.

Dear Sir:-

We beg to remind you that our note for

+ Interest,

\$5,000.00

20.00

\$5,020.00

is payable at this office on February 28th, 1892.

Please have your check here in time to meet the bill and thereby oblige,

Yours truly,



Acting Vice President.

New York, Feb. 24th, 1899

#46 & 48 E. Houston Str.

Westinghouse Elec. & Mfg Co.,

120 Broadway,

New York City.

Gentlemen:-

Your very categorical reminder of Feb. 21st has been duly received, and with the exception of its being premature, unnecessary and rather terse in expression, and implying the erroneous assumption that I was forgetful of assumed duties, it was appreciated and approved as an effort to discourage the objectionable habit of borrowing money.

Long ago I would have taken the pleasure of calling on you with reference to the agreeable cause of our last meeting, had I not been since that time engaged in psychological research, to which the recent utterances of my illustrious friend, Sir William Crookes, have prompted me. I am at variance with him and other philosophers as to the origin of mental states and transmission of mind efforts. According to my contention, there is no mental state which would not be the direct result of physical impressions, nor can there be any influence of mental efforts at a distance. This very experience with you has afforded me a striking illustration of the truth of my contentions. The other day I dreamt that I

received from you a check for fifty thousand dollars, inclosed in a letter, the wording of which I cannot now exactly remember. I think, though, you stated that this sum was but a small compensation for services I had rendered to you for several years. I can distinctly recall that, among other things, you referred to me going to all my wealthy friends and enlisting their interest on your behalf at a time when you were in adversity, and to my great help in connection with your enterprises at Niagara, Massena and many other places, and if I do not err, judging from your statements, you seemed actually overwhelmed, not to say distressed, at the amount of your indebtedness to me.

Now, on awaking, I began to investigate the origin of this singular dream, which gave me much pleasure for a moment, and after carefully examining all the old shelves in my memory, I satisfied myself thoroughly that, in accordance with my views, every particular of this dream was suggested by events which had actually occurred. Naturally I was greatly interested to see whether there was any truth to the doctrine of thought transmission, which my illustrious friend and some of his followers are now propounding. Of course, while of the opposite opinion, I could not ignore the views of such high authorities, and my interest naturally rose to the point of excitement as the 28th of February drew near. I was

about at the height of my expectations, when your appreciated favor of the 21rst inst., before referred to, reached me. Its contents left no room for doubt in my mind, that there was not any thought transmission in this instance, and I was further strengthened in my view that the interaction and equivalency of efforts, which Spencer so eloquently propounds in his "First Principles" and which literally apply to the material world, do not hold good for mental states.

The recognition of these important truths and unification of the several corollaries [sic] and deductions derived from them, will forcibly lead to the foundation of a new system of philosophy, extremely materialistic in its general aspects and characteristics, but highly useful for all practical purposes, when thoroughly comprehended and rigorously applied in all dealings and relations with our fellowmen. The current belief in the integral restoration of efforts not demonstrable by material evidences, which has heretofore often formed the basis of verbal understandings and agreements greatly to the advantage of those whose epidermis is developed to such unusual degree of thickness, which is peculiar to a certain class of low animals commonly known as crocodiles - will gradually disappear and will be finally restricted to those individuals who have a natural predisposition for the non-fulfillment of their ob-

jects and desires in the various pursuits of life. It will become an absolute necessity for the furtherance of worldly interests and maintenance of friendly and harmonious relations to establish in advance exact, material and tangible equivalents for all our efforts and performances, and it will be soon recognized that a close observance of these principles will be conducive to a great success, while ignoring them will, sooner or later, bring about a disastrous failure.

Apologizing that under the spell of these thoughts I have forgotten myself to dwell at length on this subject, possibly of no interest to you, and calling your attention to the inclosed check for \$6,090.00, the receipt of which you will oblige me by acknowledging, I remain, with thanks,

Yours truly,

Inclosure.

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Journal of the American Medical Association

NO 255
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RECEIVED
AMERICAN TELEGRAPH

I have been thinking of you very much lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I have managed to find some time to write to you. I have been thinking of you very much lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I have managed to find some time to write to you.

Now, on night, I was in bed, and I was thinking of the origin of this singular dream, which gave me such pleasure for a moment, and I began to examine all the old shelves in my memory, I saw that the dream was connected with a vision, every part of this dream was suggested by events which had actually occurred. Naturally, I was greatly interested to see what a connection there was in the doctrine of thought transmission, which all these people, and some of his followers are now propounding. Of course, while of the opposite opinion, I could not ignore the views of such high authorities, and my interest gradually rose to the point of excitement as the 23rd of February drew near. I was

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to no. 9

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Westinghouse Electric & Manufacturing Company,

120 BROADWAY, NEW YORK, N. Y.

February 27th, 1893.

Nikola Tesla, Esq.,

#46 East Houston St., City.

Dear Sir:-

We have to acknowledge receipt of yours of the 24th inst. enclosing your check for \$6,090.00 to return your note due on February 28th.

We therefore return you herewith your note of Nov. 30th, 1892: Your letter of November 30th addressed to the Tesla Company, and Your receipt of the same date, all of which we trust will reach you safely.

Yours truly,

G. Westinghouse
Acting Vice President.

Enc.

Westinghouse Electric & Manufacturing Company,

Pittsburg, Pa.

Material Shipped

General Order No. 1000
Customer's Order No. 7463
Shipping Report No.

Charge

[Signature]

We have to-day shipped you goods packed as shown below. If B-L does not accompany this you may expect it in later mail.

Box No.

CONTENTS

- 1730-8 1 - 1/2" x 1/2" x 1/2" S.O. 16673 - 30.
- 17 1 - Pulley for do. 5 X 3 X 11/16".
- 17 1 - Starting rheo. for above motor, D-3359 - #24350 (DETAIL)

Yours truly

Westinghouse Electric & Manufacturing Co.

THE WESTERN UNION TELEGRAPH COMPANY

3:36 P.M.

East Pittsburg, Pa, June 28th.

Nickola Tesla, Colorado Springs

Telegram received. Have fifty kilowatt two hundred
to sixty thousand volt transformer already built three thous-
and or seventy two hundred alternations price eight hundred
dollars net cars factory.. Have nothing else to offer.

Westinghouse Elec. and Mfg. Co.

Ms. 481

1880-1881

Westinghouse Electric and Manufacturing Co.'s Telegram

June 28, 1899

Nickola Tesla

COLORADO SPRINGS, Colorado.

Telegram received. We have fifty kilowatt two hundred to
sixty thousand volt transformer already built. three thousand or
seventy two hundred alternations. price eight hundred dollars.
net our factory. Have nothing else to offer.

Westinghouse Elec. and Mfg. Co.

CONFIRMATION

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Westinghouse Electric and Manufacturing Co.'s Telegram

June 28, 1899

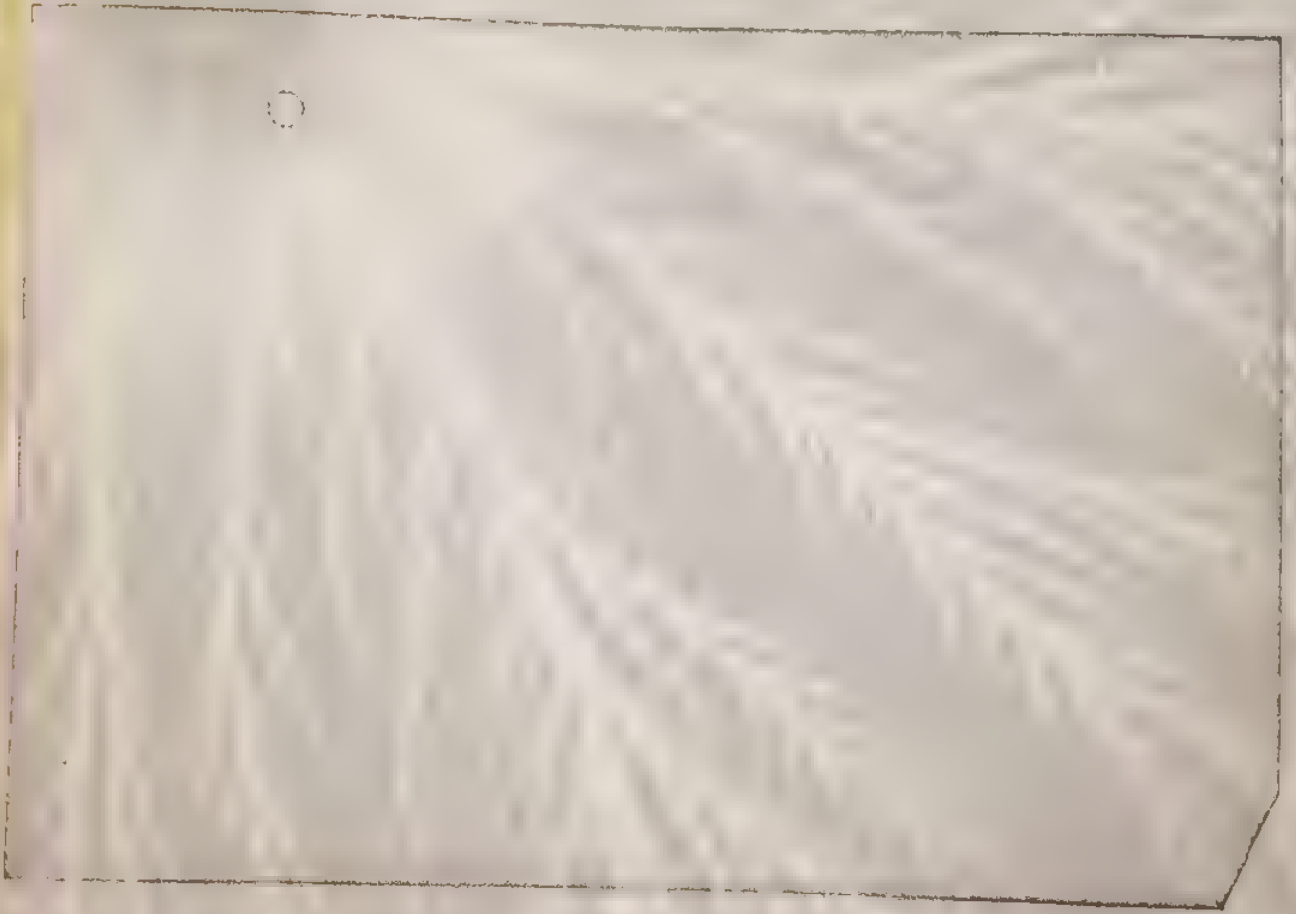
Nickola Tesla

COLORADO SPRINGS, Colorado

Telegram received. Transformer will require insulation
to seventy two hundred alternations.

Westinghouse Elec. and Mfg. Co.

CONFIRMATION



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THE WESTERN UNION TELEGRAPH COMPANY

East Pittsburg, Pa Aug. 24, 1899

Nickola Tesla, Colorado-Springs, Colorado

Telegram received winding should be opened at no five to
divide secondary for multiple connection half voltage all right.

Westinghouse Elec. and Mfg. Co.

3:43 P.M.

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Col. Dr. 1. 2. 3.

19:41

19:41

Westinghouse Electric and Manufacturing Co.'s Telegram

August 24, 1899

Nickola Tesla, Esq.

Colorado Springs, Colorado

Telegram received Winding should be opened at point No. five to divide secondary for multiple connection, half voltage. Insulation alright.

CONFIRMATION

WESTINGHOUSE ELEC. AND MFG. COMPANY

MISS 2781

[illegible]

to di 19

NIKOLA TESLA CORRESPONDENCE
JOHN PIERPONT MORGAN (SF & J)
11/26/00 - 11/29/34
Xerographic prints from original
L/C microfilm Reel # 7227.

NIKOLA TESLA MUSEUM
BEOGRAD-YUGOSLAVIA IT

1881

TESLA-MORGAN, JOHN DIERDONT
CORESPONDENCE

Ms. A. 9.1

Archives of the
Tesla Museum

1914-1915

John Pierpont Morgan

Mr. J. Pierpont Morgan,
Wall Street, New York.

Dear Mr. Morgan:-

Since last Friday, when I took the liberty to bring
project to your kind attention, I have carefully considered the
facts and features, which seem to me essential and which, briefly
stated, are as follows:

1. I have succeeded in perfecting methods and apparatus
which permit the transmission of messages to the distance without
wires and cable, and expensive cables, as a means of communication
intelligence, a commercial impossibility. These inventions render
possible the production and safe manipulation of electric
currents of up to a hundred million volts and movements of close
to a million miles per hour. I have succeeded in bringing into action instruments at any
distance, in matter of distance from the transmitting
station. I have practical experience with apparatus of this kind and
which have been operating a range of nearly seven hundred miles,
across the Atlantic and, if need be, across the Pacific Ocean, with
the fullest assurance of success.

2. I have devised a series of original and valuable
instruments and apparatus, which I have been able to construct, and
which are of the highest quality, and of all kinds.

3. Through rights have been secured to me on these methods
and apparatus in patents of the United States and of all countries.

4. I am free and unhampered to enter into such agree-
ments, and to exploit the results of these, and my future inventions
in this field, as you might desire.

5. I would be glad to have you, or your representative,
identify myself with any corporation which might be eventually
formed for the purpose.

6. Although the development of these inventions is con-
siderable, and of effort, and time, that I have to deal with a great
many, I do not hesitate to leave the apportionment of my interest
and compensation entirely to your generosity.

NOV 15
NICKOL TESTE

1. The first necessity is the provision of a fund to cover the expenses of construction of two plants for trans-Atlantic or trans-Pacific communication.

2. With temporary buildings, the former would involve an expenditure of about one hundred thousand dollars, the latter a hundred and fifty thousand.

3. The building of plants of the latter type would be equal to at least that of four of the present cables; the electric power required for the work of a cable of this type would be equal to that of the present cables.

4. Six to eight months would be necessary for the erection of the former, and the latter could be put in working order certainly within a year.

5. In the interest of the art, if not in my own, that you will earnestly consider this project, the realization of which is rendered possible by my inventions, I have the honor to be,

Yours very respectfully,

MS 481

POK MAN

LIBRARY

NOV 15 1915

John Pierpont Morgan (1837-1913)

New York, Dec. 10th, 1900.
46 & 48 East Houston Str.

Mr. J. Pierpont Morgan,
25 Wall Street.

New York City.

Dear Mr. Morgan:-

Appreciating the immense value of your time and also the weight of circumstantial reasons, I have withdrawn more or less hastily, last Friday, preferring to send a few condensed statements at long distance which, with a small effort on your part, I'll put in your possession of what you want, and I leave it to you to find out a long and exhaustive study of the subject.

1. A casual remark about the fact that the first
- have been somewhat impressed by newspaper reports, skillfully
circulated, but without foundation in fact, promulgated by
one of our acknowledged champions of a pioneer work, Prof. A. S. Smith, Priv. Counselor of Germany, "I am devoting myself
side some time to investigations in wireless telegraphy, which you
have first founded in such honour and precise manner" - "It will
interest you, as father of the telegraph, to know," -

avoided that I not thought it necessary to illuminate the situation. I beg you to bear in mind, that with my patents in this still virgin field, should you take hold of them, you will command a position which, for a number of reasons, will be in itself, stronger than that held by the owners of Bell's telephone inventions or by those of the own discoveries in power transmission by alternating currents.

For not only have I secured broad rights in the fundamental elements of the system, but I have also patented the means of producing the oscillations, which are indispensable for the transmission of powerful oscillations, which are universally identified with my name, and without which a wireless transmission is impracticable. The necessity of substantiating my statement is compelling me to cite my illustrious friends, Lord Kelvin and Sir William Crookes. The former says: "This is a wonderful development of the induction coil, and destined to be of great importance;" the latter: "The performance of your machine is marvelous."

The legal position is rendered still more secure to the inventions of entirely novel methods for receiving as well as for individualizing the mesh gas, with which none now known has the remotest chance of competing, and which are likewise patented.

Ms 481

1724, 1725, 1726

John Fierport + Mer. 22.15



5. Furthermore, I have secured rights on improvements of a wholly different nature, applicable to any system and offering such advantages that any of them would be sufficient to exclude competition.

6. Then again, I have made certain scientific discoveries, which in themselves are of transcendent importance in wireless transmission to great distances, which I chiefly contemplate, and which offer such unprecedented chances in commercial exploitation, that they deserve your fullest attention.

7. Without endeavoring to give you more vivid ideas of this kind, I venture to state - not without apprehension of being misunderstood - that my inventions are of a wholly new and of an extensive character, and that they are of a nature to revolutionize the world with electrical vibrations, and that they will give you a station.

8. Besides in this country, I have protected myself, though not quite so completely, in England, Victoria, New South Wales, Africa, Europe, Germany, France, Italy, and also, Russia and Switzerland.

9. In view of the intense activity in this field it is desirable, that I should be placed without delay in a position enabling me to turn to profit my advanced knowledge and to secure patents on features which, though at present moment now, may soon become important.

10. Before going further I permit me to remind you, that had there been only faint-hearted and disinterested people in the world, nothing great would have ever been done. Raphael could not have created his marvels, Columbus could not have discovered America, the Atlantic cable could not have been laid. You, of all, should be the man to embrace what is the greatest, the only, significant, hazardous, promotion of superior intelligence and desire to achieve a part of inestimable value to mankind.

11. Coming to the financial question - please remember: These inventions, - the results attainable only by their means - which now I alone am able to accomplish - in your strong hands, with your consummate knowledge and mastery of business - are worth an individual life amount of money.

12. Although I have not said so in my last letter, I will be more explicit relative to my share and compensation. The control is yours, and I am at your disposal. As to my interest - you know the value of discoveries and artistic creations - your terms are mine.

[illegible]

Received of the
 Treasurer of the
 Board of Directors
 the sum of \$100.00
 for the year 1900

A photograph of a handwritten document. Two lines of text are visible, both of which have been completely obscured by thick, dark ink strokes drawn across them. The handwriting is in cursive and appears to be from the 18th or 19th century. The paper is aged and slightly discolored.

These are the things that I have seen

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John J. [illegible]

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John Pierpont Morgan (1837-1913)

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The Waldorf-Astoria
New York.

X For instance the two patents I
secured in the country on the
method of apparatus for inducing
radioelectricity have cost
for great expense, but they
are costing L. Gray several
hundred dollars, as you may see.
The foreign patents are a
heavy burden.

181
You are understanding from 3
previous communications that for
the time being I need but
one plan to connect all
the central exchanges, telephone
cables or any other kind of a
communication system I want to
for simple & inexpensive
connecting instruments. All the
can be done in a few
days after the plan is
put in operation.

Yours faithfully



Dec 11 1892

How can I begin to thank you,
in the name of my friends and
my own, great, generous heart, who
will proclaim loudly your name to the world!

You will soon see, that not only am
I capable of appreciating deeply the
nobility of your action, but also of
making your primarily philanthropic
investment, worth a hundred times the
sum you have put at my disposal.
With such a magnanimous, princely way!

With very, very wishes, from all my heart,
for your happiness and welfare believe me
ever yours most faithfully,
A. J. P. Morgan, N. York
City

Copy of letter
for the record



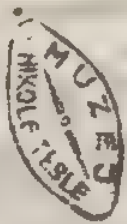
STATISTICAL

REPORT ON THE PROGRESS OF THE WORK

FOR THE YEAR 1911

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| 1. Total number of cases | 148,450 13 |
| 2. Total number of deaths | 128,464 05 |
| 3. Total number of recoveries | 1,400 |
| 4. Total number of cases under treatment | 5,000 |
| 5. Total number of cases under observation | 1,000 |
| 6. Total number of cases under investigation | 1,000 |
| 7. Total number of cases under study | 1,000 |
| 8. Total number of cases under analysis | 1,000 |
| 9. Total number of cases under review | 1,000 |
| 10. Total number of cases under consideration | 1,000 |

John Pierpont Morgan & Co. Inc.



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Account of bills on file

THE UNIVERSITY OF CHICAGO

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Ms. A. 8. 1

John Pierpont Morgan (Sr) 1837-1913

46 East Houston Street, New York.



Yours very truly,

Arthur H. H. H.

Wm. H. P. Morgan & Co.,
111 Wall Street, N. Y. 01

... capital to develop ...

With assurances of my personal sympathy, which has been
extended in our short conversation the other day, I remain,

Incels. (Kindly return at your convenience.)



TESLA'S "ARTIFICIAL DAYLIGHT".

In order to convey an idea of the great commercial possibilities of this invention, attention may be called to a few facts, of which the general public has little knowledge. A common impression is that the electric lighting systems, as now commercially introduced, are a vast advance over older methods of illumination, leaving little room for improvement. This is far from being so, as usually but a fraction of one per cent. of the total energy consumed is obtained in the form of light, all the rest being dissipated in invisible rays, of no value for the purpose. When considering that hundreds of millions of dollars are invested in the United States alone for producing light in these crude ways, the importance of a radical advance in this field will be appreciated.

The present systems, however, are not only wasteful, they are also inseparable from other disadvantages as, the large cost of installation, which is chiefly due to the great quantity of copper required; the frequent renewal of the lamps, owing to their unavoidable deterioration; the disagreeable character of the light, which, coming from a small surface, is naturally too intense and detrimental to the eyesight; the necessity of employing more or less opaque screens, which involve a considerable loss in illuminating power, and many other drawbacks of this nature. It is true, that recently Nernst and others have secured some gain in the efficiency of incandescent lamps or burners by the use of coatings of rare oxides, which permit higher degrees of incandescence. But this departure has not done away with the objectionable features above mentioned, on the contrary, it has only added to them.

In Tesla's new lighting system all these disadvantages are successfully removed. The light is produced with a much smaller expenditure of energy, scarcely more than one eighth of what is presently consumed for the same quantity of light, it is



soft and agreeable to the eye, closely resembling daylight, and the cost of the copper conductors is much less. Still better results as regards economy are, however, realizable with this kind of light and are sure to be reached soon in the course of its introduction. The lamps are very simple and ornamental and can be manufactured cheaply, need never be renewed and, what is very important, it has been ascertained in long experience that their rays have, like those of the sun, certain germicidal and sanitary properties, so that their use in dwellings will become imperative.

Referring particularly to street-lighting and illumination of public places, Tesla's system offers features of an ideal character. The lamps may be of any desired candlepower and may be adapted to any kind of current of supply, and they last indefinitely. The plant is cheaper and more economical and, owing to the softness and diffusive character of the light, the illumination is incomparably better. In view of this it is highly probable, that the arc-light will be driven out of the market entirely, being unable to compete.

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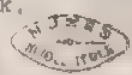
J. R. MORGAN & CO.
365 St. George Street,
New York
DRYER & CO.
Philadelphia
MORGAN HARVEY & CO.
Paris

101-100

Nikola Tesla, Esq.,

48 East Houston Street, New York.

My dear Mr. Tesla:-



I have showed Mr. Morgan your letter of the 18th instant, and
he would like to see you on the subject before reaching a conclusion.
Would you kindly drop in at your convenience.

Yours very truly,

Arthur Shelby

John Pierpont Morgan (J.P.M.)

New York, Feb. 25th, 1901.

40 East Houston Str.

Mr. Charles Steele,

Messrs. J. P. Morgan & Co.,
23 Wall Street, City.

My dear Mr. Steele:-

I have just received your kind letter and accordingly
will call to-morrow, hoping to find Mr. Morgan disengaged.

Yours sincerely,

Ms. 481

John Pierpont Morgan (1837-1913)
New York City, 1901

The ... -



378

Dear Mr. Morgan:-

Please accept my best wishes for a happy day.

The books I forward are great, but thousands of such books will not be valued in a few years from now. I enclose.

Yours most faithfully,

J. P. Morgan.

J. P. Morgan, Esq.

Copy.

Handwritten note on the right margin: "Nikola Tesla's ... report ... (for ...)"

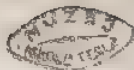
$$\begin{array}{r} 587 \\ \times 608 \\ \hline \end{array}$$

New York City.

will be greater than the sum of the parts. What is still needed can now be set closely as needed. Three months would suffice to complete the work, which has now been cruelly delayed for eighteen months. If you will aid me to the end, my country will be grateful to you.

Yours most faithfully,

680



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7

177

WZAZ
AMERICA TALKS

New York, March 1st, 1901.
46 & 48 East Houston Str.



J. P. Morgan, Esq.,
23 Wall Street,
New York City.

Dear Sir:-

For several years past I have been engaged in perfecting a system of electric lighting and in carrying on investigations relative to wireless telegraphy and telephony and I have made certain discoveries and inventions in connection with these subjects, for which patents have been issued to me in the United States and also in foreign countries.

I am anxious now to construct the apparatus necessary for putting my discoveries and inventions to practical use and for continuing my investigations on the subjects named.

For this I desire to procure the sum of

and I hereby agree that if you will advance such sum to me as hereinafter stated, I will assign to you an interest of fifty-one per cent. in all of said patents and inventions, and also in any patents or inventions which I may hereafter secure or make having relation to or being useful in any way in connection with electric lighting and wireless telegraphy or telephony. Such sum of

is to be paid to me from time to time on my submitting to you proper vouchers for expenditures made by myself in connection with the subjects above mentioned.

Understanding that you are prepared to accept this offer, I herewith hand you assignments of an interest of fifty-one per cent. in the patents designated upon the schedule hereto annexed, and if, as and when, any other or further patents for inventions relating to or useful in electric lighting, wireless telegraphy or telephony shall be secured or made by me, I agree forthwith to assign to you a like interest of fifty-one per cent. therein.

Will you kindly confirm this understanding by letter.

Very respectfully yours,

Nikola Tesla

New York, March 1st, 1901.
46 & 48 E 87th Street.

J. P. Morgan, Esq.,
25 Wall Street,
New York City.

Dear Sir:-

For several years past I have been engaged in perfecting a system of electric lighting and in carrying on investigations relative to wireless telegraph and telephony, and I have made certain discoveries and inventions in connection with these subjects, for which patents have been issued to me in the United States and also in foreign countries.

I am anxious not to construct the apparatus necessary for carrying out my discoveries, and I desire to have the sum of ONE HUNDRED AND FIFTY THOUSAND DOLLARS (\$150,000.) for continuing my investigations on the subjects above mentioned.

For this I desire to procure the sum of ONE HUNDRED AND FIFTY THOUSAND DOLLARS (\$150,000.), and I hereby agree that if you will advance such sum to me as herein-after stated, I will assign to you an interest of fifty-one per cent. in all of said patents and inventions, and also in all patents or inventions, which I may hereafter secure or make having relation to or being useful in any way in connection with electric lighting and telegraph or telephony. Such sum of ONE HUNDRED AND FIFTY THOUSAND DOLLARS (\$150,000.) is to be paid to me from time to time on the subject of proper vouchers for expenditures made by myself in connection with the subjects above mentioned.

Understanding that you are prepared to accept this offer, I herewith name you assignments of an interest of fifty-one per cent. in the patents designated upon the schedule hereto annexed, and if, as and when, any other or further patents for inventions relating to, or useful in electric lighting, wireless telegraph or telephony, shall be secured or made by me, I agree forthwith to assign to you an interest of fifty-one per cent. therein.

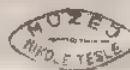
Will you kindly confirm this understanding in letter.

Very respectfully,
J. P. Morgan.

J. P. MORGAN & CO.
36 Wall Street
New York.
DREXEL & CO.
Philadelphia.
MORGAN, HARJES & CO.
Paris.

New York March 4th, 1901.

190



Nikola Tesla, Esq.,

46 East Houston Street, New York.

Dear Mr. Tesla:-

I have talked with Mr. Morgan regarding the form of your letter, and it is satisfactory to him to have the sum of \$100,000 filled in.

Will you kindly have the letter completed in this respect and Mr. Morgan will confirm it at once.

Yours faithfully,

John D. Rockefeller

to a small number of



... 50-100 ...

...all of the above, the ...
...is removed ...
...to ...
...for the ...
...to ...
...of lighting, I am convinced, that it constitutes
...of the most important advances and is of enormous economic
value.

to the v-r. sincerely,

J. P. MORGAN & CO.
225 Broadway
New York.
DREXEL & CO.
Philadelphia.
MORGAN, HARVEY & CO.
Paris.

New York, March 5th,

1901



Nikola Tesla, Esq.,

46 East Houston Street, New York.

Dear Sir:-

I beg to acknowledge receipt of your letter of the 1st instant together with assignments of an interest in various patents as shown upon the schedule and assignments handed me herewith and to confirm the understanding therein expressed.

Very truly yours,

45.

1901

New York, March 7th, 1901.

46 & 48 East Houston Str.



J. P. Morgan, Esq.,

25 Wall Street,

New York City.

Dear Mr. Morgan:-

I beg to acknowledge the receipt of your letter
concerning our undertaking.

It is one of our warmest wishes, that our investment
would prove financially as profitable as it has been generous.

With many thanks, believe me,

Ever yours most faithfully,

New York, August 8th, 1901.

46 & 48 East Houston Street.



J. P. Morgan, Esq.,

23 Wall Street,

New York City.

Dear Mr. Morgan:-

I beg to submit herewith a statement relative to the patents and applications partly assigned to you last March, which is self-explanatory.

In a short time I expect to be able to report satisfactory progress along the two lines specifically mentioned in our agreement.

Hoping in the interest of this country and the world at large for the conservation of your precious energies, I remain,

Yours most faithfully,


$$\frac{3}{10}$$

1. The first part of the paper is devoted to a review of the literature on the topic of the role of the state in the development of the economy. It is found that the state has played a significant role in the development of the economy in many countries, particularly in the case of developing countries. The state has been able to mobilize resources, provide infrastructure, and create a favorable environment for investment and growth.

1. The first of these is the fact that the
the government has been able to fill the gap
the government has been able to fill the gap

[illegible]

The first of these is the fact that the

1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 231

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

... ..

... ..

...the ... of ...

4. Contemplation - a state of mind in which the mind is directed towards the object of contemplation.

... into a section being ...

Consider that from

1. Let's get the love.

40 & 42 East Houston Street,
New York, N.Y. 10013



172

Dr. P. Morgan, Esq.,
21 Wall Street,
New York City.

Dear Mr. Morgan:-
Under inclosure please find assignment of patents which were granted to me recently and which fall under the terms of our agreement. The cover certain new apparatus in the production of electrical energy from heat and from other sources, and are valuable for various purposes. I am reserving the rights in some of the foreign countries.

Pardon me for trespassing on your valuable time in order to give up on this occasion, in the fewest words possible, the bearing of my patents relative to the transmission of power assigned.

Any problem of this kind will present itself to you in three aspects - first, the production of the energy, second, its transmission, and third, its utilization at the distant point.

As to the first, my patents cover novel methods and apparatus for the production of electrical effects of virtually unlimited power, not obtainable in any other way heretofore known.

In regard to the second of inventions, cover the only practical and economical method of transmission by conducting through the earth with "tuned" circuits. This also covers methods of transmitting great amounts of energy for industrial purposes without wire. The practical significance of this system lies in the fact, that the effect transmitted diminishes only in a simple ratio with the distance, whereas in all other systems it is reduced in proportion to the square. To illustrate, if the distance be increased one hundredfold, I get 1/100 of the effect, while under the same conditions others can obtain, at the very best, only 1/10,000 of the effect. This feature alone bars all competition.

In regard to the third, there are only two ways possible of economically utilizing the energy transmitted for the production of qualitative effects: either storing it in dynamic form as, for instance, the energy of well-timed thrusts is stored in a medium, or b. accumulating it in potential form as, for example, compressed air is stored in a reservoir.

172

171
251
H223
MR. E. L. G. 2

In the patents assigned last spring I have first, and in some of those not assigned the last rights on both are Disruptant.

Referring particularly to telegraph, I have still in the Patent Office two applications, one of which is allowed, while the other is not to be allowed. I have kept them back for a number of reasons. In one of them I describe a claim discovery relating partially to the transmission of light through the earth to any distance, no matter how great, and in the other a principle which secures absolute privacy of messages and also enables the simultaneous transmission of an unlimited number of messages, up to any thousands, through the same channel, be it the earth or a wire or cable. On this is in two principal have applied for patents in the entire foreign countries. I consider these inventions of extreme commercial importance.

Hoping that I shall soon be able to satisfy you that our generosity and confidence in me have not been misplaced, I remain,

Yours very respectfully,

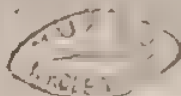
1877

Nikolai Stepanovich,
44a East 82nd Street, E.
New York City.
Dear Sir,

Wm. J. Dwyer has
received your letter of
11th inst with the
assignment of Parents
mentioned therein

Yours truly,
Chas. W. King,
Private Secy.

1/10/1871
J. & Co.



Nicola Tesla, Esq.
44 East Christopher St.
N.Y. City.

Dear Sir

My J. P. Morgan has
received your letter of
11th inst. with the
assignment of Patents
mentioned therein.

Yours truly,
Chas. W. King.
Private Secy



172

[Faint, mostly illegible text, possibly bleed-through from the reverse side of the page]

Morgan

Jan. 9 1902

... By the time my present plant is completed and I have made demonstrations to your satisfaction, all this preparatory work would be done and, should elect so, before the next winter the large plant could be put in operation. Now, Mr. Morgan, am I recked by the greatest financier of all times? And shall I lose great triumphs and an immense fortune because I need a sum of money? Is it not due to the honor of this country, that it be identified with this achievement. Have I not contributed to its greatness and prestige and have my inventions not exercised a revolutionary effect upon its industries. These are not my claims, Mr. Morgan, only my credentials.

New York, Jan. 9th, 1902.
46 & 48 East Houston Str.

317



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318

[Faint, mostly illegible text, possibly a letter or document body]

1900-1902

For order in the I.E.E. paper

Table and the Wireless Department

notes

[illegible]

447



319

C



Handwritten notes and markings, including a large bracket on the left side and various small marks and lines scattered across the page.

591

New York, Sep. 5th, 1902.



Dear Mr. Morgan:-

Hoping that you may now have a free moment to spare, I venture to respectfully submit the following:

1. Under inclosure please find assignment of some foreign patents, chiefly relating to an invention, which I have mentioned in my earlier letters to you. In this case, my fundamental rights are likewise assured on this beautiful principle which permits of an infinite cheapening and extension of telegraphy and telephony through water and land channels. Knowing your interest in scientific advances, I will attempt a simple explanation. We are able to receive numberless distinct impressions, because the controlling nerve fibres lend themselves to innumerable combinations, and we can distinguish an individual from all others by reason of a great many characteristic features which in no other individual exist, or if so, not in the particular combination. In this respect, all the elements of the invention. The transmitter is not primarily characterized by a single note or peculiarity, as heretofore, but by a very complex and, therefore, undistinct individuality, of which the receiver is the exact counterpart, and only of which it responds. To go a step farther, I make the operation of the receiving instrument dependent not only on a great number of distinctive elements in combination, but also on their order of succession and, if necessary, I go so far as to vary continuously the character of the individual elements. These latter refinements I shall introduce in the transmission to the most important centers of the world. You can see, how impossible it will be to intercept messages or to interfere with them. This principle facilitates the manufacture and technical assistance is practically to prepare instruments which would enable the transmission of any number of simultaneous dispatches through either the Earth or a wire.

2. Some time ago, finding that my inventions in the wireless transmission of energy and production of electrical oscillations had been boldly appropriated, I came to the conclusion, after carefully considering every course I could adopt, that the only way to fully protect myself was to develop a source of power as to enable me to control effectively the vibrations here and at the globe. Now, if I had recognized this necessity earlier, I would have gone to Niagara, and with the capital you have so generously advanced I could have accomplished this easily. Unfortunately, my plans were already made and I could not change. I endeavored once to explain this to you, much to my sorrow, as I impressed you wrongly. Nothing remained then but to do the best I could under the circumstances. My efforts will be in a large

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543



measure rewarded, for by straining every part of the utmost I shall be able to reach that I can maximum possible performance with the power of energy delivery of ten millions of watts - that of the entire Falls of Niagara. my transmitter will be the greatest spontaneous energy on Earth. I believe I have told you in a previous letter, that in my system the same wave is sent from a pair of diametrically opposite the transmitter which, in this instance, is situated a few hundred miles off the western coast of Australia. The waves will be the weakest in the countries which are at a distance of about 6000 miles from here. It will be possible, however, to use the transmitter so that its effect will be exactly equal over the whole surface of the globe, but then it will be comparatively feeble, though the variation of potential will amount to fifty volts or more.

3. It is imperative to provide facilities for manufacturing great numbers of receiving apparatus. These will be inexpensive, and there is virtually no limit to the number which I can operate from my plant. They could be placed wherever desired and could be actuated simultaneously or separately. For that purpose it would be necessary to connect the plant by wires with the New York Telegraph and Cable Offices. At first, of course, the replies would have to come through artificial channels, but if agreements were entered into with Cable Companies the scheme would be very profitable to all concerned for the following reasons:

a) revenue would be provided for the maintenance of the wire-
less messages; b) the existing lines would have more to do; c) the public would be benefitted by increased convenience and cheapening of the rates, and d) there would be no opposition and friction.

4. Since your departure for Europe, Mr. Morgan, I have had time to reflect and to get a better knowledge of the importance and scope of your work, and I now see that you are no longer a man, but as a principle and that every spark of your vitality must be preserved for the good of your fellowmen. I have therefore given up the hope that you might aid me in establishing a manufacturing plant, which would enable me to reap the fruit of my labors of many years. But some ideas which I have not simply conceived but worked out - are of such great consequence that I honestly believe them to deserve your attention. If you should wish it, I shall submit them to you, and in this hope I inclose a copy of an application filed by me in the U. S. Patent Office on the 10th of May, 1900. A perusal of the paragraph on page 4 may convince you that what I contemplate are not unrealizable projects of a visionary, but rational undertakings of an engineer.

511



3

y of a factory with modern tools has com-
 pleted. I could not go to the top, and I
 went through the middle. The attitude
 of the people is very different. One
 of the things I collected

ing your pleasure, I am,

584
New York, Sep. 17, 1902.



Dear Mr. Morgan:-

Complying at the earliest possible moment with your wish, I forward under inclosure: 1) a brief summary of the inventions to be introduced, outlining plan proposed and accompanied by list of patents; 2) a few of my patent specifications with technical comments, and 3) copy of letter to the subscribers, to whom similar papers are to be submitted.

I scarcely need say that none of the persons named are to take part in the enterprise and who are all persons of standing known of your interest, and that all pertaining to this transaction will remain among friends, strictly private.

As the Nikola Tesla Company, the owner of the patents, has incurred great expenses in perfecting the inventions, and as under this plan it would receive no reimbursement, it is proposed to sell a part of the bonds received by the Company for cash. I have thought it my duty to make the prospective subscribers understand this and no objection has been raised. This will enable me to refund the sum which you have in a generous spirit advanced, and as to your share in the whole property, it will be left entirely to yourself.

Of my own interest I intend to give away one quarter to an associate, in whose ability and integrity I believe, and who is to unite all of his energies with mine, to bring to the greatest possible success this undertaking, in which our honor will be engaged.

Hoping that there is nothing in this of which you would not approve, and assuring you of my deepest respect and gratitude, I remain, as ever,

Yours very faithfully,

J. P. MORGAN & CO.
Wall St. Corner Broad.
New York.

DREXEL & CO.
Philadelphia.

MORGAN, HANES & CO.
Paris.

New York.

1902



Will you kindly drop in and see me in the next day or two about
other concerning what you wrote Mr. Morgan.

Yours very truly,

Arthur Hays Sulzberger

J. P. MORGAN & CO.
Wall St Corner Broad.
New York.
DREXEL & CO.
Philadelphia.
MORGAN, HARRIS & CO.
Paris.

New York, October 21st.

1902



Nikola Tesla, Esq.,

46 East Houston Street, New York.

Dear Mr. Tesla:-

I understand the plan of your proposed electrical company to be as follows:

The company is to acquire all your patents of which you spoke to me and will be capitalized as follows:

| | |
|------------------|-------------|
| Bonds, | \$5,000,000 |
| Preferred stock, | 2,500,000 |
| Common stock, | 2,500,000 |

It is intended that the company should go into the manufacture of the various devices covered by your patents and for this purpose it is proposed to raise a working capital of \$2,500,000 by the sale of bonds \$2,500,000, preferred stock, \$1,250,000, common stock \$1,250,000. The present Tesla Company, which includes yourself and associates, is to receive 40% of the new capitalization, viz:


| |
|----------------------------|
| \$2,000,000 bonds |
| 1,000,000 preferred stock, |
| 1,000,000 common stock, |

so that there will remain in the treasury of the new company,

| |
|---------------------------|
| \$500,000 unissued bonds, |
| 250,000 preferred stock, |
| 250,000 common stock. |

I understand your suggestion to be that of the securities which go to yourself and associates, a certain amount will be used to provide

Nikola Tesla, Esq., 2.

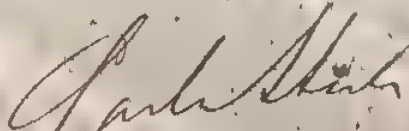
are required to reimburse the advances which have been made to you and the balance will be divided among yourself and associates. 

I have discussed the suggestion with Mr. Morgan and it is in substance agreeable to him. As to the amount which he should receive of the balance of securities remaining after providing for reimbursements, he does not understand the facts fully enough to decide.

But as the principal patents to be acquired by the company in which he held an interest of 51% he thought that possibly it would be fair to give him about one-third of the securities.

I would like to know what you think of this.

Yours faithfully,





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602

New York, April 8th, 1903.



Dear Mr. Morgan:-

I will respectfully inform you that I have secured patent U. S. Patents on the important principles of the system referred to in my previous letters to you. These patents are now pending in the Patent Office, but all due precautions have been taken to insure their entire safety and to prevent any unauthorized disclosure. This invention is in itself unique and it is my intention to continue with me in the line of my present endeavors, as it secures perfect privacy of the subjects and is entirely independent of any transmission of energy in an electric field or of any without interference. This is an improvement, of course, being entirely in my plan of Wardenclyffe, and will enable me to communicate intelligently over any part of the globe, irrespective of distance, with the same precision and exclusiveness as through a twisted wire.

I am carefully watching the wireless operators, but since I began this work have quietly abandoned their processes and as a result, which precluded the possibility of interfering to any considerable distance with a precision, and have concentrated my attention on the wireless and apparatus, with which every click and buzz can send reliable messages to great distances. As I have told you, I have these people in my pocket. They are doing so much that a department of the Government is thinking of them as being a nuisance. In a moment, Mr. Morgan, I will be able to assist me, however, that I shall have no difficulty in shutting them up.

It is my hope, Mr. Morgan, that nothing has occurred to diminish your appreciation, which was always filled with a sense of great honor and satisfaction. I recognize the fact, that I should have reached some practical results before expending so much money, but under the circumstances it was impossible.

First of all, you have raised great waves in the industrial world and some have struck a little boat. Prices have gone up in consequence of this, perhaps three times higher than before. Then there were expensive delays, mostly a result of the activities you have excited. The special machinery I needed I got only after a long time of promise, and I had literally to beg for it. Then again, I had a great number of patents to work and to maintain. This took a considerable sum of money, for which no provision whatever was made. Furthermore, as in every technical project, unforeseen difficulties presented themselves, causing trouble, delay and expense. But as I examine all my work to-day,

602

a07
603

New York, April 3rd, 1903.



Dear Mr. Morgan:-

I would respectfully inform you that I have secured United States Patents on the important principle repeatedly referred to in my previous letters to you. There were several contacts made in the Patent Office, but all were made under the most liberal and elastic conditions, and with the strictest and most complete restriction. This invention in itself makes it impossible for others to compete with me in the line of my present endeavors, as it secures perfect privacy of the messages and prevents any simultaneous transmission of any other message, and thus insures the most perfect secrecy. These improvements, of course, being made in my plant at Wardenclyffe, and will enable me to communicate intelligence to any part of the globe, irrespective of distance, with the same precision and exclusiveness as through a private wire.

I am carefully watching the wireless specialists, since I began this work have gained abundance their processes and appliances, which precluded the possibility of signalling to any considerable distance and with precision, and have appropriated my patented methods and apparatus, with which every blacksmith and woodworker can send reliable messages to great distances. As I have told you, I have two people in my pocket. Their doings are so manifest a departure from all rules of fairness, that they are bound to collapse. Mr. Sternberg, Mr. P. & Co. per assure me, however, that I shall have no difficulty in shutting them up.

It is my hope, Mr. Morgan, that nothing has occurred to diminish in your appreciation, which has always filled me with a sense of great honor and satisfaction. I recognize the fact, that I should have reached some practical results before expending so much money, but under the circumstances it was impossible.

First of all, you have raised great waves in the industrial world and some have struck my little boat. Prices have gone up in consequence of this, perhaps three times higher than they were. Then there were expensive delays, mostly a result of the activities you have excited. The special machinery I needed I obtained only after the making of promise, and I was literally to and to maintain. This took a considerable sum of money, for which no provision whatever was made. Furthermore, as in every technical project, unforeseen difficulties presented themselves, causing trouble, delay and expense. But as I examine this work to-day,

602

603

604



THE UNITED STATES OF AMERICA
DEPARTMENT OF THE ARMY
OFFICE OF THE ADJUTANT GENERAL
WASHINGTON, D. C.

H. T. 1.

604

Nov 20, 1903.



603
605

I have been thinking of you a great deal lately, and wondering how you are getting on. I hope you are well and happy.

Yours truly,
John D. Rockefeller
I have been thinking of you a great deal lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I have managed to find some time to write to you. I am well and hope you are the same. I have been thinking of you a great deal lately, and wondering how you are getting on. I hope you are well and happy.

Yours truly,
John D. Rockefeller

Y. T. 100.

604

605

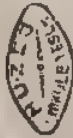
Copy.

J. P. Morgan & Co.

P.O. Box 3036.

New York.

July 3rd. 1903.



Nicola Tesla, Esq.,

Waldorf-Astoria,

New York, N. Y.

Dear Sir:-

Referring to your favor of even date, addressed to our Mr. Morgan, will you kindly call and see him on Monday, July 6th, in reference to the subject therein referred to

Yours truly,

A handwritten signature in dark ink, appearing to read "J. P. Morgan". The signature is written in a cursive style with a large, sweeping flourish at the end.

J. P. Morgan & Co.

P.O. Box 3036.

New York

July 3rd, 1903.



Nicola Tesla, Esq.,

Waldorf-Astoria,

New York, N. Y.

Dear Sir:-

Referring to your favor of even date, addressed to our Mr. Morgan, will you kindly call and see him on Monday, July 6th, in reference to the subject therein referred to?

Yours truly,

FORM 692

RECEIVED AT

THE PUBLIC TELEPHONE OFFICE.

TIME 2:27 P M

190

To

Mr. Tesla



Mr. J. P. Morgan has
written you, wishes
to see you at
his office on Monday
morning

Call Received from Telephone No. _____

Copy.

581

July 3, 190



400
582

relation

by the receiver, these rights, and a number of other things, and
terrible measures.

I have

time ago. The work has been

it is a very old one, and

with my dignity. I have

erously invested in it, and I have

of a personal property; besides I have

bank and have a lot of bills to pay. It is really, I

ful fix. But if I can complete

my work, and I can

my work, and I can

horse-power developed by an oscillator on Long Island, and I have

and seventy-five, - perhaps a little more - of power

the greatest distance in Australia. If I can

as this before, you will

you see, Mr. Morgan, that I have

revolution. It will be a great

have always assured you. There is a

as possible, and I have

time's confidence. Will you

almost complete - go to pots?

Ever yours most faithfully,

H. P. Morgan.

J. P. Morgan & Co.

P.O. Box 3036

New York

July 17 1903

W. H. Allen, Esq.,
Quebec, Can.



I have received your
letter of 16th inst. and
in reply write to say that
I should not feel
disposed as pleasant
to make any further
advances.

Yours truly,
J. P. Morgan

Morgan

J. P. Morgan & Co.

P.O. Box 3036.

New York July 17 1903

N. Tesla, Esq.,
City,

Dear Sir,



I have received your
letter of 16th inst and
in reply would say that
I should not feel
disposed at present
to make any further
advances.

Yours truly,
J. P. Morgan

1903

Michigan

and
and
that
cl
not
then

by

583

Nov. 10, 1905.



582
584

Dear Mr. Morgan:-

Many years ago I was at your door with this proposition,
but I did not go in, thinking that it would be a loss.

I have now another one, which is a hundred times more im-
portant and valuable. Help me to complete this work and you will
see.

Ever yours most faithfully,

N. Tesla.

Copied

585
The Waldorf-Astoria, New York,

Sept. 21, 1903.



584
586

Dear Sir:-

I hope I did not impress you as asking for a generous contribution to science. It was simply a business proposition.

My last undertaking has returned more than two dozen times the original investment and this, in stock market, should be better still.

I had the same difficulty in convincing the world of the practicability of my invention referred to in the editorial enclosed. The present one is incomparably more important and valuable.

Apologizing for the intrusion, I remain,

Very respectfully yours,

N. Tesla.

Copy.

586

New York, Sept. 24, 1903.



585
587

Dear Mr. Morgan:-

There is no day without such notices as the enclosed.

All this power can be easily transmitted by my new patented processes almost without loss and to any distance. If you will give me your earnest support in this you can have a greater income from these inventions than Rockefeller from his oil-wells. And you will have at your mercy the cutthroats who are trying to undo your work and get your royal mantle. I only need to complete this plant, Mr. Morgan, the rest will take care of itself.

Yours most faithfully,

N. Tesla.

Copy.



587

The Waldorf-Astoria, New York,
Oct. 15, 1903.

Dear Mr. Morgan:-

Please excuse me for troubling you at this time when, much as you may disdain the small things of your enemies, you must be deeply pained to see the progress of your great economic ideas retarded. But it is precisely for this reason that I beg you now to hear me.

I have never attempted, Mr. Morgan, to tell you even a hundredth of what can be readily accomplished by the use of certain principles I have discovered. If you will admit that I have found the stone of the philosophers you will admit the truth. They will cause a revolution so great that almost all values and all human relations will be profoundly altered. These new developments do not concern any country in particular, but the whole world and they are in line with your own desires. The commercial possibilities they offer are simply infinite, and you are the only man today who possesses the genius and power to compel the universal adoption of these ideas and that is why I approached you two years ago. If I am only aided to reach the first result - the most insignificant of those to which I allude, yet very valuable - to girdle the globe with wireless messages, you will become interested and convinced. With my previous experiences and knowledge of the wonderful appliances identified with my name this task is so easy, that it is for me no effort at all.

I have had a long talk with Mr. Th. F. Ryan last night and he will see you in regard to providing the money still necessary. He is a great admirer and loyal friend of yours and for this reason as well as on account of his ability I am very anxious to enlist his cooperation. I have told him that one hundred thousand dollars will be sufficient to reach the first commercial results, which will pave the way to other and much greater successes. Knowing your generous spirit, I have told Mr. Ryan that any terms you may decide upon will be satisfactory to me.

Yours very respectfully,

N. T. S.

Copy.

586
608

232
The Waldorf-Astoria, New York,

Dec. 7th, 1903.



0
240

Dear Mr. Morgan:

Will you permit me to call on you on any evening at your home and to bring a small instrument along to show you one or two experiments with my "daylight"? I really wish to have the first honor, the shark who will probably come after me, will get the contract for lighting your home.

Yours most faithfully,

N. Tesla.

Tel. Waldorf.

Copy.

621



L. 10157. 22.1.19

intimately. I believe that I am a man of honor and integrity. You have already put aside the money necessary to carry on the work begun, in your thoughts, and that is no doubt as done. But I did not understand you as a business man, until lately.

I have worked for results ever, in, with, then a dignity
and force such as to deserve it. . . . What you wanted was
simply a result. Now, Mr. . . . will you . . . this
later knowledge and give me an opportunity . . .
in your opinion as a business man? I need only a little money ca-
pital to put some of my devices on the market. This will bring im-
mediate returns. Will you make me an advance for this purpose and
to preserve what I have already developed with so much . . . on any
terms you choose?

Yours most faithfully,

(no date)

Copy.

600
602

601



Dear Mr. Morgan:-

When this is completed, you will have something of incalculable value. As it now stands, I believe in three months I am in a position to send a message across the Atlantic Ocean to any part of the world. This in itself is a great achievement of the financial plan as it stands in Mr. Morgan's hands. On Oct. 31, 1902. In two months more, I would be able to demonstrate that power can be transmitted by my wireless system, regardless of distance, without appreciable loss. Think only, Mr. Morgan, what this means in your hands. You can not permit this great opportunity is lost, after what you have already done.

Would you be willing to advance the money if the Nikola Tesla Company were to authorize a bond issue for the amount. You could attach to this any condition you see fit. My work is thorough, Mr. Morgan; it may seem slow, but I assure you the ultimate results will be very satisfactory to you.

(no date)

262

243



1) The function

on 1. and the sea.

1. I am a ...

170. ...

-14-

263

262
266



which I construct does not fulfil the purpose for which it was
designed.
Being, on New Year's, I am taking the opportunity to
renew my letter of advice from your through care of the enclosed.

Yours truly,
H. T. La.

H. T. La.

23 WALL STREET

Jan 12/44

My dear Sir,

In reply to your note I regret to say that I should not be willing to advance any further amounts of money as I have already told you. Of course I wish you every success in your undertaking.

Yours truly,

J. Morgan

N. O. Taylor, Esq.
New York. Astoria

23 WALL STREET

Jan 13/04

My dear Sir,



In reply to your note
I regret to say that I
should not be willing
to advance any further
amounts of money
as I have already told
you. Of course I
wish you every success
in your undertaking.

Yours truly,
J. P. Morgan

V. Tesla, Esq.,
Waldorf-Astoria

The Waldorf-Astoria, New York,

Aug. 11, 1933.



Dear Mr. Morgan:-

You wish me success! It is in your hands, Mr. Morgan, to make me start on a proposition, even though I calculated it is financially frail. You have indicated in your letter, you make me pay double, yes, I am admitted to your position. On the top of that you produce a panic. Why not? I am I can scrape together I come to you, you have the best that could be done you fire me out of the door of my own room so I am all over town, I am disgraced, I am a laughing stock.

It is not your own fault, it is the fault of the market on three months more I am a poor fellow, my work is complete, it and now it would be paying me thousands of dollars a day. More than this, I would have secured contracts from the Government for a number of similar plants. I am a poor fellow, I am a laughing stock, the inventor of all the essential parts of the radio, I am the slightest chance in a position with me. You have the radio, the schemers who have no knowledge or skill, but are full of the sense of fraud, to feel the world and to turn it over to their insignificant attempts to form a plan that they could by success.

Now when I have practically removed all obstacles skillfully put in my way and need only a little more to have a great property, which would pay you ten million dollars as a reward, one cent, you refuse to help in a financial matter. In your position! Twenty-five thousand dollars would enable me:

- 1) to start the manufacture of oscillators, which would make my undertaking with you self-supporting and insure the ultimate success of my plans;
- 2) to put my light on the market;
- 3) to form a lighting company and realize the cash's all necessary to complete my plant;
- 4) the completion of this plant will give me a position of carrying the plant at a profit;
- 5) the office will naturally facilitate all this and give a permanent income.

This would be to reach success in a slow and gradual way. If I had now what I need to complete the plant, that would be different!

267

266
277



I am as anxious to enclose on your account as mine.
 What a dreadful thing it would be, to have the
 papers come with your name
 in red letters
 over the globe. You may not care for it, Mr. Loring, men are
 like flies to you. But I would not work my years to repair
 the damage, if reparable at all. I have told you all. Please do
 not write to refuse.
 I am pained enough as it is.

Yours sorrowfully,

N. Tesla.

The Waldorf-Astoria, New York,

Jan. 22nd, 1904.

207
378

Dear Mr. Morgan:-

Are you going to leave me in a hole?!!

I have made a thousand powerful enemies on your account, because I have told them that ~~xxxxxxx~~ I value one of your stage-stirrings more than all of them.

Do not grow old and ~~xxxxxxx~~ as weak men do. You are good for another twenty years, if you hold on to life, to your people and young ideas.

Could I not pledge you in ~~xxxxxxx~~ to plant a while for twenty-five thousand dollars I need to carry out the plan outlined in my last letter? If it is not worth that much, I am not an enquirer of world repute, but a chump.

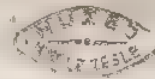
The better way, however, would be to enable me to complete the plant at once. This would mean for you many millions of dollars, and, what is more important still, a power which you could use effectively. I hope that you never for a moment confound my art with the incompetent efforts of my imitators. I could do better than any of them, if ninety-nine parts of me were paralyzed. In a hundred years from now this country could give much for the first honors of transmitting power without wires. It must be done by my methods and apparatus and I should be aided to do it first myself.

Yours most faithfully,

N. Tesla.

X X

April 1901, 1901.



277
400

I have solved my greatest problem. I can deliver power in any desired amounts, in a practical and most economical manner. This will be a great consequence on the part of the people of the world, and oil and coal in particular. The first practical effect of the first practical construction.

I am tired of seeing the pusillanimous people come to me, when I ask them to invest five thousand dollars, get the diarrhoea from me for ten. What for? I have managed to manage a school, a little more and I shall have practical results which will give the basis for a business of a scientific nature. I never return before.

Yours very truly,
R. H. 1.

615

604



...in the ... features, I
could ... a manufacturer ... there, who
will simply turn out ... these instructions
but extremely cheap, having ... could
readily be produced for two ... and sold for, say,
ten. They will require no ... up, no attention at all
and would ... correct time.

Y. Ten)

from Swezey and file
S-3

June 13, 1904

Dear Mr. Morgan:

The Canadian Niagara Co. will agree in writing to furnish me 10,000 h.p. for twenty years without charge, if I put up a plant there to transmit this power without wires to other parts of the world. My system permits the transmission to be effected practically without loss...

...To illustrate one of these features, I would start a manufacturing company there, which would simply turn out clocks. These instruments will be extremely cheap, having practically nothing but the hands and a couple of coils. They could readily be produced for two dollars, and sold for, say, ten. They will require no winding up, no attention at all and would indicate absolutely correct time.

N. Tesla

from Swezey card file
S-3

11
New York, October 13th, 1904.

J. P. Morgan, Esq.,
New York City.



Dear Mr. Morgan:-

I would beg you, in all earnestness, to peruse the following statement of facts which I have brought separately to your attention.

1. Five years ago (as you may have gathered from my original announcement in the Century of June 1900, copy of a patent specification filed May 16, 1900, and article in the Electrical World and Engineer of March 5, 1904) I succeeded in encircling the Earth with electrical waves. What gave to this result, far-reaching in itself, a tremendous significance, was the observation that in their passage, from Colorado Springs to the diametrically opposite region of the globe and return, the waves suffered no perceptible diminution of intensity, thus affording an absolute experimental evidence, that by my system power in unlimited amounts can be transmitted, without wire, to any distance and, virtually, without loss.
2. I recorded my discoveries in the Patent Office and secured broad and uncontested rights in Patents, some of which I am still keeping back, for reasons which it is unnecessary to explain. When they appear they will create a profound impression.
3. I was, even then, firmly convinced that these advances would prove of greater importance than the steam engine, the telegraph, the telephone and my multiphase motor combined, for they offered an ideal solution of the problems of fuel, transportation, and intelligence-transmission, in all their ramifications.
4. Desiring to obtain a support such as this work was deserving, more for the good of the world than my own, I approached you, naturally enough with the easily realizable project of establishing communication across the Atlantic, which required a smaller investment.
5. I was fortunate to enlist your interest, but not quite on the lines of my own suggestion. I contemplated the formation of one or two companies, to which all my inventions in wireless telegraphy and telephony and in my system of lighting were, respectively, to be assigned, and proposed that you take fifty-one

Folder 1012



percent. of the stock (not fifty, as you yourself said in our first conversation, because then you would not control), the remainder to go to my Parent Company. But when I received your formal letter it specified an interest of fifty-one percent. in patents on these inventions. That was different though my share was the same. It was a simple sale. The terms were entirely immaterial to me and I said nothing, for fear of seeming to you. You have repeatedly referred to some stock and it is just possible that a mistake was made, and that you intended to make a sale of what I proposed, and that it would have been, for every reason, good to my advantage.

6. Your participation called for a careful revision of my plans. I could not develop the business slowly in proper shop fashion. I could not resort to such means or signal making stations. There was no money in this. This was no business for a man of your position and importance. Perhaps you have never fully appreciated the sense of this obligation.

7. When I discovered, rather accidentally, that others, who openly cast ridicule on what I had undertaken and discredited my apparatus, were secretly employing it, evidently bent on the same task, I found myself confronted with wholly unforeseen conditions. How to meet them was the question. Of course, I could not enjoin the infringers. In Canada, almost midway, I had no rights. My Patents on the art of individualization, insuring non-interference and non-interferability, were not as yet granted in England and the United States. Suppose I was anticipated in this invention? Then I would have to rely on ordinary tuning. This was in a measure, satisfactory so long as I was alone, but shrewd competitors, with the advantage they had, could make me fall short, as the capital I had at disposal was only sufficient for two small plants. Once I failed with you in the first attempt, you would not listen to any other proposition. Once I lost your support I could not be save of your personality and character of our agreement, interest anybody else, at least not for several years, until the business would be developed and the commercial value of my patents recognized. But there was one way, the only way, of meeting every possible emergency, and making the ultimate success perfectly certain.

8. Here I must add a purely explanatory question. Suppose a plant is constructed capable of sending signals within a given radius, and consider an extension to twice this distance. The area being then four times as large the returns will be, roughly, fourfold on account of this alone. The messages, however, will become more valuable. Approximately computed, the average price will be tripled. This means that a plant with a radius of activity twice as large will earn twelve times as much. But it will cost



scarcely twice as much. Hence in investing a certain sum destined for two small plants into a single one, the earnings will be six-fold increased. The greater the distance the greater the gain until, when the plant can transmit signals to the uttermost confines of the Earth, its earning power becomes, so to speak, unlimited.

9. The way to do was to construct such a plant. It would yield the greatest return. I knew the reasons just mentioned, but also because no other plant existed anywhere in the world, by anyone, was sure to be turned into a source of income. It would give the present owner of my patents and indeed a monopoly. It would make certain the acceptance of my system by all governments. It discounted in advance all possible drawbacks, as anticipation of the results by the newspapers of my rights and delay. It offered possibilities for business on a large, dignified scale, commensurate with your position in life and mine as a pioneer in this art, who has originated all its essential principles.

10. The practicability of such an undertaking I had already demonstrated in Colorado, but to make those feeble effects, barely detectable by delicate instruments, commercially available all over the Earth, required a very large sum of money. You had told me from the outset that I should not ask for more, but the work was of such transcending importance and it was of such enormous value in your hands, that I undertook to explain to you the state of things on your first return from abroad. You seemed to misunderstand me. That was most unfortunate. Had I obtained your hearing, your enemies would not have succeeded in inflicting you injuries, for the first motor or lamp operated across the Pacific, would have delivered them in your power. To achieve a great result is one thing, to achieve it at the right moment is another. That favorable moment is gone forever. Your popularity has suffered, the moral force of my work has been weakened by delay, the audacious schemers who have dared to fool the crowned heads of Europe, the President of the United States, and even His Holiness the Pope, have discredited the art by incompetent attempts and spoiled the public by false promises which it cannot distinguish from those sure of fulfillment, based on knowledge and skill and legitimate right. That is what pains me most.

11. Still, in spite of all this, Mr. Morgan, I can realize that I have held out to you when you yourself said to me, that "you had no doubt". I know you must be sceptical about getting hundredfold returns, but if you will help me to the end you will soon see that my judgement is true. When my first plant is completed I can place a dozen of such at once. I do not need to wait for returns from subscribers. There are one thousand million

J. P. H.,-4.



dollars invested in submarine cables alone. This immense property is threatened with destruction because just as soon as people find that messages for, say, five cents a word can be transmitted to any distance, nothing will stop the demand for the cheaper and quicker means of communication. The investment in cables is too large to pay on this low basis and the only chance the Companies have is to take hold of the new advances. My patents control every essential element of the art. They are impregnable. In your hands, and backed by these great results, they should be of enormous value.

12. My work is now advanced and could be finished quickly. I can expect about \$200,000 in all and a much smaller sum separates me from a great triumph. If you have lost faith in me have you not someone in whose knowledge and ability you have more confidence than in mine, and to whom I could explain? Twenty-five thousand dollars would certainly complete the plant and then I would have no difficulty whatever in getting all the capital necessary for the further commercial expansion.

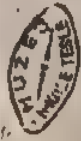
13. Since a year, Mr. Morgan, there has been hardly a night when my pillow was not bathed in tears, but you must not think me a weak man for that. I am perfectly sure to finish my task, come what may. I am only sorry that after mastering all the difficulties which seemed insuperable, and acquiring a special knowledge and ability which I now alone possess, and which, if applied effectively, would advance the world a century, I must see my work delayed.

In the hope of hearing from you favorably, I remain,
Yours most faithfully,

Folder 1012

23 WALL STREET

New York, Oct. 15th, 1904.



Mr. Nicola Tesla,
Waldorf-Astoria,
New York City.

Dear Sir:

Referring to your letter of
13th October, Mr. J. P. Morgan wishes
me to inform you that it will be impos-
sible for him to do anything more in
the matter.

Yours truly,

A handwritten signature in cursive script, appearing to read "E. W. King".

Private Secretary.

23 WALL STREET

New York, Oct. 15th, 1904.



Mr. Nicola Tesla,
Waldorf-Astoria,
New York City.

Dear Sir:-

Referring to your letter of
13th October, Mr. J. P. Morgan wishes
me to inform you that it will be impos-
sible for him to do anything more in
the matter.

Yours truly,

B. W. King
Private Secretary.

New York, Oct. 17th, 1904.



Dear Mr. Morgan:

You are a man like Ishmael, real but uncontrollable. I wrote purposely last week, hoping that your recent association with me would have rendered you more susceptible to a softer influence. But you are no Christian at all, you are a real, ungodly man. See you say no, come what may, it is no way the gravitation repel instead of attract, may right become wrong, every consideration, no matter what it be, must founder on the rock of your brutal resolve.

It is incredible. A year and a half ago I could have delivered a lecture here, which would have been listened to by all the academics of the world, in the tone of my voice! That would have been the time to thank you.

You let me struggle on, weakened by physical ailments, disheartened by domestic worries, financially exhausted, trying to overcome obstacles which you yourself have piled up before me.

I know, Rankine told me that a time they had in plucking the Niagara bonds. And what a time must I have? "If this is a good thing, why does not Morgan see you through?" Morgan is the very last man to let a good thing go! So it has been going on for two years. I advance, but how? Like a man swimming against a stream that carries him down.

Will you not listen to anything at all? Are you to let me perhaps succeed, lose an immortal crown, will you let a property of immense value be appreciated, let it be said that your own judgment was defective, simply because you had once said no? Can

not make you a new proposition to overcome the difficulty?

Tell you I shall return your money a hundredfold.

Yours faithfully,

H. Wells.

Copy.

752

The Waldorf-Astoria, New York.

Nov. 6, 1904.



Dear Mr. Morgan:

I enclosed sent out by express to you over a year and a half ago. The old plant has never worked beyond a few hundred miles. A part of the friction of the apparatus inside there were four defects, each of which was fatal to success. It does not seem probable that the new plant will be any better, for these faults were of a wholly different nature and difficult to discover.

As to the remedy, I have protected myself in applications filed 1900 - 1902, still in the office.

Yours faithfully,

N. Tesla.

Trav.

(Note. Sent clipping from Electrical World and Engineer, of Oct. 5th, 1904, relative to removal of Marconi station.)

Folder 12

Letter to Mr. Morgan
re: the old plant

1. 11 1720 199

This craft can be a useful plane during its supporting life. It has the strength to hold the vessel in any level in which it is being engaged and can easily be lowered or raised.

$\mathcal{H}^1(\mathbb{R}^n)$

...the use of a telephone, in addition to the use of a rotary machine, during the same transmission. If a line of three or four telephones is connected, we can have good communication with a group of

CURRENT NEWS AND NOTES.

WIRELESS TO BOSTON—A special Israphel from Boston says "It is understood that with its city applications for wireless cable communication between Boston, New York and New London will be in operation by January, 1907." The executive engineer was in Boston recently and called at the office of the station commander.

U. S. RAILROADS. AT TABLE III. It is stated that a new Marconi wireless telegraph station is to be erected at Port of Table Head, about 10 miles from Cape P. Y. N. S. The present operating room are to be used and the old power house and operating towers 215 ft high, are to be removed to the new location, which new station is to be erected on 400 acres of land where the new property

$\Delta f = 1 - \epsilon$ for $N_{\text{active}} \rightarrow \infty$, $\text{Log} \text{Assoc}(\text{active}) \rightarrow \infty$ and start in active configuration for a few iterations, and then, after a few iterations, they are completely inactive and stay there.

Folder 1-12

4361-0061

John Pierpont Morgan (1837-1913)
1837-1913

Miss A. J. A. 1881

$$A_0 = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} A(x) e^{-ix} dx$$
[illegible][illegible][illegible]

s depressed. The electromagnet has two windings. One of these is controlled by a contact closed when the lever is depressed. This winding effects the locking of the lever by causing attraction for the attracted armature. The other winding is connected with the alternating current.

rank W. C.

To forward the receipt for

S. Asher Philadelphia. When such a letter is received, the

CURRENT NEWS AND NOTES.

WIRELESS TO BOSTON. A special dispatch from Boston says: "It is announced that the

Forest Wireless Telegraph Company is the proprietor of the

sent and received.

MARCONI STATION AT SEA

A new Marconi wireless telegraph station is to be erected at Point Morien, about 50 miles from Cape May, N. S. The present towers at Table Head are to be dismantled. The old power house and operating room are to be removed to the new location, at which two towers, 215 ft. high, are to be erected. The Marconi Company is further stated to have purchased 400 acres of land where the new station is to be established, the station to be located in the center of the property.

N. E. L. I. The National Electric Light Association is about to start an active campaign for new members and the appointment of Mr. Henry L. Doherty as a committee on membership promises well for its success. The great increase in membership in the past two or three years was largely due to Mr. Doherty's personal efforts and methods suggested by him, and now that he has taken the matter up officially large results may be looked for. At the last meeting three new classes of membership were created, and it is in these classes particularly that the increase is expected. Officers and employees of member-companies are to be received as members with the written consent of the member company with whom they are connected. The entrance fee for such members will be \$5 and the annual dues \$5. They will receive the various publications issued by the association throughout the year. College professors and teachers of electrical engineering may become members at a rate of dues of \$4 per year, with no entrance fee.

REPULSION-INDUCTION MOTOR.—A patent issued October 18, 1904, to Mr. W. A. Layman, relates to a modified form of self-starting single-phase induction motor, which differs from that type which starts as a repulsion motor, and is converted into an induction motor after a certain speed has been attained, in that in the new machine the repulsion motor circuits are so arranged as always to be operative. The inventor obtains this result by supplying the armature with two sets of windings, one for the induction and the other for the repulsion motor operation. The latter winding is kept

in the field of the induction motor is suitable that if the poles on the constant speed, synchronous motor are in the relative position of the rotor.

connected with a synchronous motor.

LAURENCE'S ROTARY CONVERTER. An interesting and of a machine for concatenation an induction motor with a synchronous motor or rotary converter, forms the substance of a patent issued October 18 to O. S. Laurence and J. L. La Cour. The frequency of the current in the secondary of an induction motor varies directly with the slip, and at one half synchronous it has a value equal to one half of the current frequency. By driving the revolving member of a synchronous motor mechanically with the rotor of a induction motor and connecting the secondary windings of the induction motor to the armature of the synchronous machine, the set will synchronize at one half speed. The inventors propose to use as synchronous motor a rotary converter which can deliver direct current to an external load and to its own field windings. This arrangement allows the converter to be operated at one half the present frequency, which condition of operation is conducive to improved commutation as compared with direct transformer connection to the supply lines, while the machine may readily be placed in use from the alternating current side. The primary of the induction motor may be wound for the high line e.m.f., thus eliminating the need of a distribution transformer. In comparison with an induction motor-driven, direct-current generator set, the combination is much less expensive, due to the fact that the motor here required need be of but one-half the capacity of the load since only the amount of its energy is delivered mechanically, the remainder being given off through transformer action; and also to the fact that a synchronous converter is more economical in material than a direct-current generator of the same output.

Handwritten notes on the right margin, including "The... of the... (from the... of the...)" and other illegible scribbles.

Nov. 18th, 1904.

WUZE

Dear Mr. Morga

The
electrical tra
had in convi
have now is

EDITORIAL COMMENT

The Tesla Motor and the Poly- phase System

The types of alternating current apparatus which are in use to-day have resulted from a process of evolution which has been going on for many years and in which the polyphase induction motor has been the fundamental element. The announcement of the polyphase induction motor and of the polyphase system were made by Mr. Tesla in 1888. The motor excited much interest and expectation. The polyphase system received little consideration. The motor, however, was helpless without a supply of suitable current. The alternators of that day were single-phase, they gave 120 to 133 cycles; alternators and transformers were ill adapted for supplying out-of-phase current. Persistent work, not only in the design and development of the motor but in that of the system, as well was required before commercial success could be secured. In reaching this point it was not only necessary to overcome preconceived ideas of the public, but the electrical workers themselves had to unlearn, or at least readjust much of the information which they had acquired in connection with direct-current and single-phase alternating current apparatus and practice. In point

(Ser
urnal, Octol

Cr

1900-1904

Folder 1 of 2

Co. 100. 1

EDITORIAL COMMENT

90

The Tesla Motor and the Polyphase System

... alternating-current apparatus which today have resulted in a process of evolution which has been going on for many years and in which the polyphase induction motor has been the fundamental element. The announcement of the polyphase induction motor and of the polyphase system were made by Mr. Tesla in 1888. The motor excited much interest and expectation. The polyphase system received little consideration. The motor, however, was helpless without a supply of suitable current. The alternators of that day were single phase, they gave 133 cycles, alternators and transformers were ill adapted to giving out-of-phase current. Persistent work, not only in the development of the motor but in that of the well was required before commercial success could be reached. In reaching this point it was not only necessary to overcome preconceived ideas of the public, but the electrical workers themselves had to unlearn, or at least rent just a inch of the information which they had acquired in connection with direct-current and single phase alternating current apparatus and practice. In point of fact the Tesla invention was not merely a motor, but a system. Commercial men and engineers who did not understand the problems involved were naturally impatient and critical because the Tesla motor was not immediately supplied for operation upon existing circuits and in connection with the then prevalent types of generators. As a matter of history it is the Tesla principle and the Tesla system which have been the directing factors in modern electrical engineering practice. Alternators are now polyphase; they are of low frequency, they have close inherent regulation; the long distance systems for power transmission involving hundreds of installations, hundreds of thousands of horse-power and many millions of dollars of capital use the polyphase system. Nearly all of the great central stations for city lighting and lighting service, even when the consumption circuits are supplied with direct current employ low frequency polyphase alternators. There is scarcely an important city or town in the country that has not a polyphase plant and polyphase apparatus is largely used for power distribution in industrial establishments.

This evolution has involved far more than the mere perfection of the motor. In fact polyphase motors as made prior to 1890 if operated in connection with modern generators would probably be more successful than the motors of today if operated in connection with polyphase alternators of the types first employed. The early polyphase alternators were small, they were of high frequency, they were of poor regulating qualities. Changes have been made in alternators and in transformers. Parallel operation of alternators has become a necessity, imposing exacting problems in the design and operation of steam engines. The extent to which everything in modern electrical power work has been affected by Tesla inventions makes it apparent that the polyphase motor which he proposed was no simple and isolated thing, but it was the central factor in a great and comprehensive system. The whole trend and evolution for the past sixteen years has been in the development of the polyphase system primarily that is, in the development of the polyphase induction motor. The realization of the Tesla invention was looked for simply in a motor to be forthcoming in a few months; it has come in an evolution of years and a process which has been the work of years.

Journal,

Dear

elect

I had

I have

790

The Waldorf-Astoria, New York,

Nov. 18th, 1904.



Dear Mr. Morgan:-

The inclosed written by the ablest man in the field of electrical transmission by my system reminds me of the difficulties I had in convincing people of the value of that invention. What I have now is immensely more valuable and consequential.

Yours faithfully,

N. Tesla.

(Sent: Editorial by C. F. Scott from Electric Club Journal, October, 1904.)

Copy.

Folder 112

807

20 y.

New York, Dec. 31, 1961.



Dear Mr. [Name obscured]:

1. If you will advance me one hundred thousand dollars, which I'll enable me to complete my plant of the most important telephonic receivers of a few of the most important in the world, I will return on your investment of \$250,000 five millions. To attain this result it is necessary that you work at least one year.

2. Assuming that you are not willing to do this, if you will advance me fifty thousand dollars, which will suffice to start the work, I'll return on your investment of \$125,000 one million. I've planned an insurance, which will be paid to you in the event of your death. At least you may have to wait a long time, but I still am without fail carry out my promise of returning to you one hundred times the sum invested.

3. If you do not want to do this, I'll return to you the remains. You release me of all obligation, I'll return my assignments, and consider the sum you have invested as a contribution, leaving it all to me entirely and wholly to work out the best results for you and for myself. In this case I intend to go on a lecture tour, which I believe will give me enough money to complete the plant. Once I am so far I will be able to raise more than a million to put a few millions in Wall Street. I hope sincerely that you will not resolve yourself to this last course. Believe me, you would give me great pain.

Yours faithfully,

[Signature]

1000-1704

Felder 1012

Box 1
Encl. 1

807

20 y.

New York, Dec. 31, 1961.

Dear Mr. Morrell:

1. If you will advance me one hundred thousand dollars, which I will use to complete my plant of "best" telephonic receivers of a few of the most important in the world, I will return on your investment of \$250,000 five millions. To attain this result it is necessary that you will advance me one hundred thousand dollars.

2. Assuming that you are not willing to do this, if you will advance me fifty thousand dollars, which will suffice to "finish" the plant, I will return on your investment of \$125,000 five millions. I have planned an insurance policy on my life, which will be remembered certain, and although you may have to wait long, I will still have without fail carry out my promise of returning to you one hundred times the sum invested.

3. If you do not wish to advance me one hundred thousand dollars, you release me of all obligation, and I will make my assignments, and consider the sum you have invested as a contribution, leaving it all to me entirely and wholly to work out the best results for you and for myself. In this case I intend to go on a lecture tour, which I believe will give me enough money to complete the plant. Once I am so far I will be able to raise more than a million to put a few millions in Wall Street. I hope sincerely that you will not resolve yourself to the best course. Believe me, you would give me great pain.

Yours faithfully,

W. Morrell

1000-1964

Folder 1012

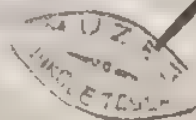
Box 1
Encl. 1

23 WALL STREET

N.Y. Dec 14/04

N. Tesla Esq,
Waldorf Astoria
City.

Dear Sir,



I have received your
note of 10th inst and in
reply would state that
I am not willing to
advance you any more
money, as I have fre-
quently told you.

As to your third
proposition I am not
prepared to accept this
either. I have made
and carried out with

you in good faith, a
Contract, and, having
performed my part,
it is not unreasonable
that I expect you to
carry out yours.

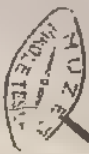
Yours very truly,
J. Pierpont Morgan
Pub. W. King,
Private Secretary.



(Letter dictated by
Mr. J. P. Morgan.)

My Dear Mr. [unclear]

W. D. [unclear] [unclear]
[unclear] [unclear] [unclear]
[unclear] [unclear] [unclear]



I have received your
note of 14th inst and in
reply would state that
I am not willing to
advance you any more
money, as I have pre-
viously told you.

As to your third
proposition I am not
prepared to accept this
either. I have made
and carried out with

you in good faith, as
contracted, having
performed my part,
it is not understandable
that I expect you to
carry out yours.

Yours respectfully,
J. D. [unclear]
[unclear] [unclear]
[unclear] [unclear]



(As per dictation by
Mr. [unclear])

243
New York, Dec. 18, 1901.

Dear Mr. Morgan:-

To-day is my birthday, and I am 40 years old.

Will you let me know how the world will be preserved in history, that I have to thank only to the efforts?

I am fully aware, Mr. Morgan, that the world is full and that we are all in the eyes of those who see us. We are all greater and stronger than ever before. (I am sure of it in your complete triumph?)

Yours faithfully,

N. Tesla.

Copy.

New York, Dec. 19, 1904.

Mr. J. P. Morgan,
New York City.



Sir:-

Owing to a habit contracted long ago, in defiance of superstition, I prefer to make important communications on Fridays and the 13th of each month, but my house is bare and I have not an hour to waste.

I knew that you would refuse. What chance have I to land the biggest Wall Street monster with the spider thread!

Your letter reached me just on the day of my patron saint - the greatest of all - St. Nikola. There was a silent agreement between St. Nikola and myself that we would stick to each other. He did well for a time, but during the last three years he has forgotten me, - as you have.

You say that you have fulfilled your contract with me.

You have not.

I came to you to enlist your genius and power, not because of money. You should know that I have honored you in so doing as much as I have honored myself. You are a big man, but your work is wrought in passing form, mine is immortal. I came to you with the greatest invention of all times. I have more original creations named after me than any other man that has gone before, not excepting Archimedes and Galileo - the giants of invention. Six thousand million dollars are invested in enterprises based on my discoveries in the United States to-day. I could draw on you at sight for a million dollars, if you were the Pierpont Morgan of old.

When we entered our contract I furnished 1) patent-rights, 2) my ability as engineer and electrician, 3) my good will. You were to furnish 1) money, 2) your business ability, 3) your good will. I assigned patent-rights which, in the worst case, are worth ten times your cash investment. You advanced the money, true, but even this first clause of our contract was violated. There was a delay of two months in furnishing the last \$50,000 - a delay which was fatal.

I complied conscientiously with the second and third obligations. You ignored yours deliberately. Not only this, but you discredited me.

There is only one way to do, Mr. Morgan. Give me the money to finish a great work, which will advance the world a century and reflect honor on all that come after you. Or else, make me a present and let me work out my salvation. Your interest is sacred to me and my hearty wishes for your happiness and welfare will always be with you.

Faithfully yours,

N. Tesla.

M
J.P. MORGAN & CO.
Wall St. Corner Broad.
New York
DREXEL & CO.
Philadelphia
MORGAN, HANDELS & CO.
Paris

New York

January 6th, 1905.



Nikola Tesla, Esq.,

Waldorf-Astoria,

New York, N. Y.

Dear Sir:-

We enclose herewith receipted bill for Exchange ordered by you
and also check for difference.

Yours truly,

J.P. Morgan

Enclosures 2.

Copy.

New York, Feb. 17th, 1906.



Dear Mr. Morgan:-

Let me tell you once more.

I have perfected the greatest invention of all times - the transmission of electrical energy without wires to any distance, a work which has consumed ten years of my life. It is the long sought stone of the philosophers. I need but to complete the plant I have constructed and in one bound humanity will advance centuries. I am the only man on this earth to-day, who has the peculiar knowledge and ability to achieve this wonder and another one may not come in a hundred years. There has been a long and painful delay. My nerves are not of iron, and all this knowledge and ability may be lost to the world. Please do not delay further to act either one or the other way. Help me to complete this work or else remove the obstacles in my path.

I was heartily glad to see you in such splendid health yesterday. You are good for another twenty years of active life.

Faithfully yours,

N. Tesla.

Copy.

New York, Feb. 27th., 1905.



Mr. J. P. Morgan,

25 Wall Str., New York.

Dear Mr. Morgan:-

Understanding that you are to sail the day after to-morrow I would earnestly beg you not to leave without some understanding offering me a chance to complete soon the work which, but for unfortunate circumstances, would have been finished three years ago. The attention of the whole world is turned upon it and something must be done for your as well as for my sake.

There are a number of ways which might lead to quick results without further expenditures on your part. If you will kindly accord me a few moments at your convenience, for the purpose of choosing a plan, I believe that at a time not very distant you would have every reason to be satisfied.

Yours faithfully,

*Copy**Wm. A. T. T. T.*

Copy.

New York, Feb. 27th., 1905.



Mr. J. P. Morgan,

25 Wall Str., New York.

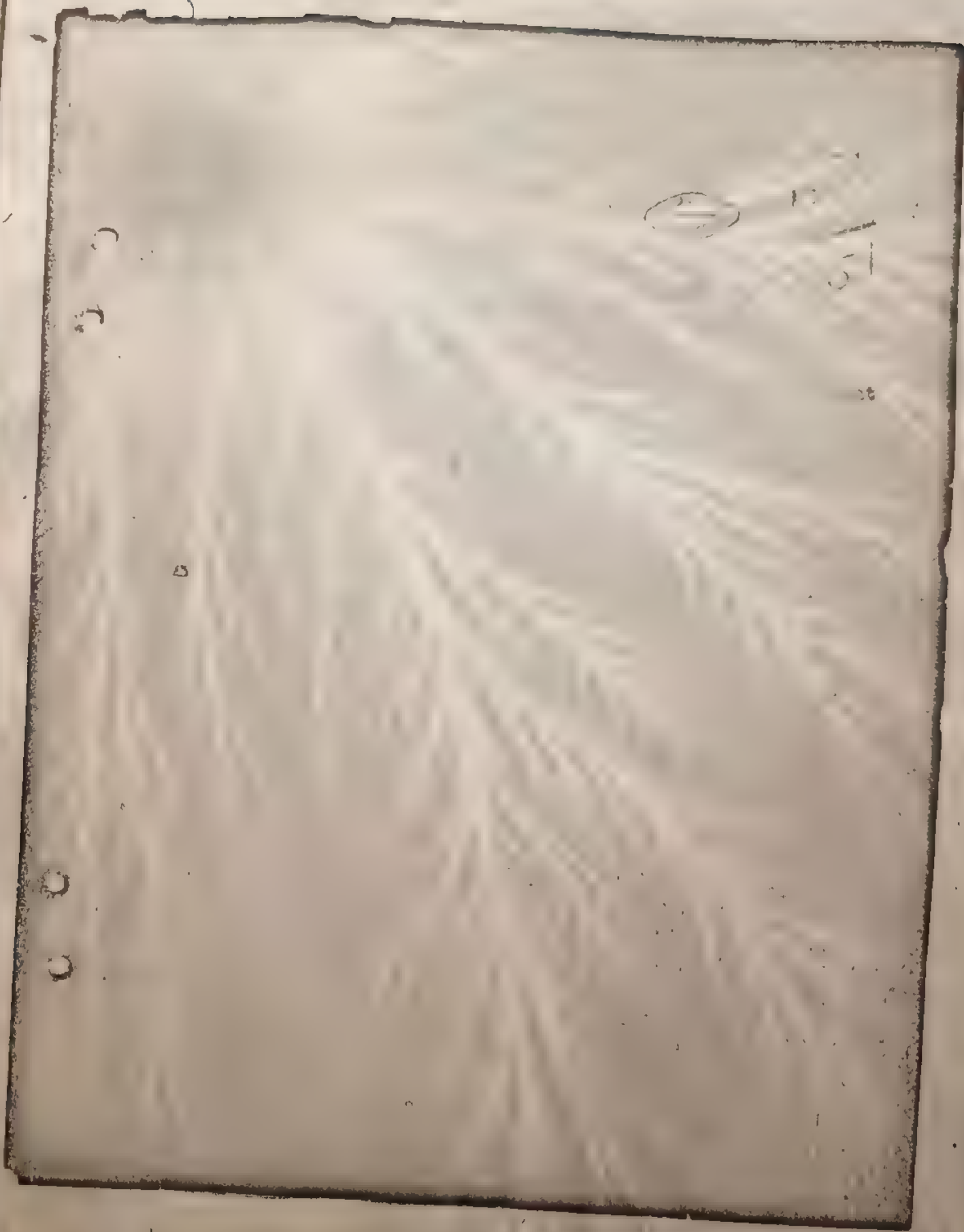
Dear Mr. Morgan:-

Understanding that you are to sail the day after to-morrow I would earnestly beg you not to leave without some understanding offering me a chance to complete soon the work which, but for unfortunate circumstances, would have been finished three years ago. The attention of the whole world is turned upon it and something must be done for your as well as for my sake.

There are a number of ways which might lead to quick results without further expenditures on your part. If you will kindly accord me a few moments at your convenience, for the purpose of choosing a plan, I believe that at a time not very distant you would have every reason to be satisfied.

Yours faithfully,

*Copy**signed W. T. C.*



40111112

New York, Sep. 29th, 1900.

1097,

Mr. J. P. Morgan,

20 Wall Str., New York.



Dear Sir:-

I have developed conjointly with another well-known practical engineer a novel system for the propulsion of vessels, in all important respects superior to any now in use. We eliminate virtually all moving machinery, reducing the whole apparatus to simple, stationary elements, apply the energy of the fuel more directly and with a minimum loss and complication. This means reduced cost of construction, much greater speed, increasing range and carrying capacity. The system is readily applicable to any existing vessel at small expense and without material alteration, except for the removal of engines, boilers, condensors, smokestacks, etc.

I have never forgotten your generous help in the development of inventions which are so far in advance of time, that they have as yet brought no commercial returns. This is especially timely, strictly commercial engineering proposition, which should be of exceptional value in the present advanced state of the art, and it is herewith respectfully submitted to you for refusal or acceptance on your own terms.

Yours faithfully,

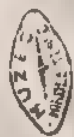
(signed) N. Tesla.

C. O.
WALL STREET

New York, Sept. 30, 1905

Nikola Tesla, Esq.,
Waldorf-Astoria, ✕
New York City.

Dear Sir:-



Referring to your letter of
29th inst., Mr. Morgan has carefully read
same but regrets he cannot do anything in
regard to the matter which is entirely
out of his line.

Yours truly,

Booth

Private Secretary.

C a
25 WALL STREET

New York, Sept. 30, 1905

Nikola Tesla, Esq.,
Waldorf-Astoria,
New York City.

Dear Sir:-



Referring to your letter of
29th inst., Mr. Morgan has carefully read
same but regrets he cannot do anything in
regard to the matter which is entirely
out of his line.

Yours truly,

Booker T. Washburn

Private Secretary.

New York, December 13th, 1905.



Mr. J. Pierpont Morgan,
25 Wall Street, City.

Dear Sir:-

Under enclosure I send Assignment of two patents which have just been granted to me and come within the terms of our agreement.

These patents describe an important discovery which I made in Colorado in 1899. Ordinarily the Earth responds very feebly and only locally to electrical disturbances much like the Ocean to a stone thrown into it. But there are certain waves to which the Earth is sympathetically responsive and when these are impressed upon it the globe as a whole responds very vigorously.

I take liberty, on this occasion, to tell you that I have just recovered from a severe illness which has brought more vividly to my mind the unfortunate state of affairs confronting me since three years. Just fourteen years ago I undertook to solve the problem of transmitting electrical energy without wires and in 1899, after spending a large private fortune, I finally succeeded in achieving what seemed impossible. As you will kindly remember, I approached you with a very easy and simple proposition of establishing telegraphic communication across the Atlantic, in the hope that I might later interest you in the transmission of power for industrial uses. Circumstances which we did not foresee made the original proposition impracticable and I adopted a plan which would make my success absolutely sure, irrespective of what might be developed by others and which would lay the



foundation to a development commanding universal respect. You never advised me with one word and I did the best I could myself. The result has been that for want of a certain sum of money my work has remained, up to this day, unfinished. But despite all the unfortunate delay I will still return twenty times your investment if I could complete my plans, for then I would be able to send messages in type, in handwriting and by telephone to any part of the world. More than this I could establish clearly the fact that with my system, energy in unlimited amount can be transmitted practically without any loss to any distance.

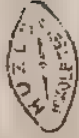
As you will see, Mr. Morgan, all depends on my being able to complete this work. To do this, more money is required. Whoever advances this capital must receive a fair interest. Consequently if there is such a person to be found it all depends on you for, as far as I am concerned I am satisfied with the smallest interest. I believe that I have found a man generous enough to advance One hundred Thousand Dollars. It is Mr. Frick, whom you well know. What has passed between us has impressed me with the feeling that he will certainly do it if I can only frame some kind of a proposition in harmony with you. I beg you to consider what the completion of this work means to me and to the world and act accordingly in your noble magnanimous way in which you have already assisted me and for which I am profoundly grateful.

Yours very respectfully,

23 WALL STREET

Dec 14/05

My dear Mr Tesler,



I have received your letter of
13th Dec^r. and in reply would state
that I am not willing to invest
any more money in the
enterprise. I should be
very glad if Mr Thirk would
forgo you. You could have
no better association and I
should be very glad to work
with Mr Thirk in the matter,
putting in what I have
against his \$100,000 to which
you allude.

Yours sincerely,
George F. Johnson



A. Tesler Esq
Union National Bank
New York

23 WALL STREET

Dec 14/05

My dear Mr. Tesla,

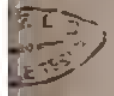


I have received your letter of
13th Dec. and in reply would state
that I am not willing to invest
any more money in the
enterprise. I should be
very glad if Mr. Frick would
join you. you could have
no better associate and I
should be very glad to work
with Mr. Frick in the matter,
putting in what I have
against his \$100,000 to which
you allude.

Yours truly,
George Westinghouse

N. Tesla
New York

4/05



letter of
and make
to interest
the
be
would
have
and I
to work
the matter,
have
to which
sincerely,
Yours



N. Tesla Esq
Walden Station
Long Beach

MSA 981

The Waldorf-Astoria
New York.

Dec. 15, 1905.

Dear Mr. Morgan,



I thank you a thousand
times for your very kind
letter received this morning.

You could not have given
me more pleasure if
you had inclosed your
check for the amount I need.

Excuse me for the
inconvenience I must have

could you by letters,
but they ~~are~~ ^{are} with a
a ~~number~~ of ~~disparaging~~
then the ~~first~~ ^{first} ~~have~~
be ~~last~~ ^{last} ~~to~~ ^{be} ~~hear~~,

I ~~feel~~ ^{feel} ~~that~~ ^{that} the ~~first~~
is a ~~column~~ ^{column} ~~the~~ ^{the} ~~many~~
being ~~more~~ ^{more} ~~of~~ ^{of} ~~the~~
know, ~~understanding~~ ^{understanding} ~~with~~
you. ~~He~~ ^{He} ~~is~~ ^{is} ~~a~~ ^a ~~person~~
and ~~seems~~ ^{seems} ~~to~~ ^{to} ~~have~~
A ~~man~~ ^{man} ~~and~~ ^{and} ~~is~~ ^{is} ~~in~~ ⁱⁿ ~~the~~
with ~~which~~ ^{which} ~~you~~ ^{you} ~~have~~
known ~~me~~ ^{me} ~~I~~ ^I ~~am~~ ^{am} ~~not~~
~~with~~ ~~the~~ ~~hope~~ ~~that~~ ~~you~~
but ~~in~~ ⁱⁿ ~~me~~ ^{me} ~~as~~ ^{as} ~~I~~ ^I ~~have~~

completes this work I
shall be able to perform
wonders which will astonish
the world. It
will not be difficult
then to form a company
of respectable men and
get the capital in. If
I do. There can be no
doubt you like. I
~~shall be satisfied with~~
a very small interest will
be sufficient for me.
Trusting for all my

... complete the work I
shall be able to perform
wonders which will astonish
the world. It

will not be difficult
to be free - among
of representative men and
get the capital in. If
and to. There can be
nothing for like. I
~~shall be satisfied with~~
a very small interest will
be sufficient for me.
Thank you for all my

have for you continued
health & well-being
of that of your family
I remain as ever your



Most faithfully

N. Tesla

Dear

2. I understand you otherwise him
perfectly. You when regarding all
principles. Never in my
life have I known a man
who ~~can even in a man~~
~~know~~ can even in a man
know as well as you do
the value of justice. "Having
known justice, that is the
Mundus breche, Kraft ist
das Leben nach dem Kraft ist
Gerade das was ich versprochen"

You

me

you

che

on

FOR THE USE OF SUBSCRIBERS ONLY
IN THE READING ROOMS, ETC.
NOT OFFICIAL CORRESPONDENCE OF
THE MERCANTILE SAFE DEPOSIT CO.,
EQUITABLE BUILDING, NEW YORK.

Jan. 24, 1906.

Dear Dr. Dr.

I have just learned that the
Germans have ^{commenced} ~~begun~~ the construction
of a plant ^{in all respects} similar to mine. which
they expect to complete in a year.
They would ~~be~~ ^{first} establishment of a
trillion ^{gutter} ~~current~~ around the world
as a great ^{the system is a perfectly} ~~national~~ ^{Post} ~~house~~ ^{and} ~~Post~~ ^{Prof.}
Slaby is working very hard to own
the price. In Germany a number of
features of my system are
public property & ^{Prof. Slaby} ~~has~~ ^{has} ~~frankly~~ ^{frankly}
acknowledged their indispensable use.
He is a thorough and skillful experi-
menter & perfectly sure of success.
Now, Dr. Dr., if do not want
such a horrible thing to happen. If
there will not ~~be~~ ^{be} ~~any~~ ^{any} ~~can~~ ^{can} ~~be~~ ^{be}
without delay.

106

~~Very~~ my friend in spirit is
July 1st, Please accept
from of your continued affec-
tion. I have not much
~~more time~~ to lose.



Yours faithfully

R. P. P. P.

NEW YORK CABLE ADDRESS: WALDORF NEW YORK
 PHILADELPHIA CABLE ADDRESS: BELLEVUE PHILADELPHIA



THE WALDORF

THE WALDORF ASTOR & NEW YORK
 THE BELLEVUE STRATFORD PHILA.



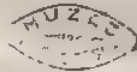
THE BELLEVUE STRATFORD



THE ASTOR

The Waldorf-Astoria

Dear Sir,



1911

I am very sorry to hear of your illness. I hope you will soon be able to go to the Waldorf-Astoria. I have a room reserved for you. I am sure you will enjoy it. I am very sorry to hear of your illness. I hope you will soon be able to go to the Waldorf-Astoria. I have a room reserved for you. I am sure you will enjoy it.

you in good faith, a
Contract, and, having
performed my Part,
it is not reasonable
that I expect you to
carry out yours.

Yours very truly,
J. Pierpont Morgan
Public King,
Private Secretary.



(Letter dictated by
Mr J. P. Morgan.)

you in good faith, a
Contract and, having
performed my Part,
it is not unreasonable
that I expect you to
carry out yours.

Yours very truly,
J. Pierpont Morgan
Public King,
Private Secretary.



(Letter dictated by
Mr J. P. Morgan.)

THE WELLSVILLE STRAIPORD

6. 2. 1.

[illegible]

Dear Mr. Mor an,

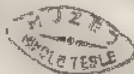
We are committed in an enterprise which... to success for you as well... give me a reasonable remuneration...ly entitled.

... patent interest you will take one-third of the stocks and shares in Companies which I shall organize for the... inventions in telegraphy and telephony... ing by my system? I suggest one-third for you only, because it is essential for me to show others that all are coming in on the same basis. If you will do this before sailing you will give me a chance of putting my delayed projects through. You need not fear that anyone, with whom you could not care to associate, will get in. But I fear the... spoil the letter by an undue hurry to... of furnishing more money. ... whole I am... it.

Yours faithfully,

COPY.

New York, Feb. 16th, 1906.



N. Tesla, Esq.,
Waldorf-Astoria,
City.

Dear Sir:

I would say that I am quite prepared to take one third of any securities of any Company that you may be interested in, or under your control, as full settlement, so far as that particular Company is concerned, for my loan, provided there is secured other capital adequate for the purpose of carrying out the business.

Yours truly,

(Signed) J. Pierpont Morgan.

C O P Y.

173

Feb. 1, 1900.

Dear Mr. King,



My letter to Mr. Morgan yesterday was written in a hurry and needs amplification.

As you know Mr. Morgan owns an undivided patent interest in some of my inventions. He could go ahead without me, and so could I without him. This destroys the value of both the separate rights. To enlist new capital it is essential that our interests be merged. A statement from Mr. Morgan to this effect is therefore indispensable. Both the necessity and justice of this will certainly not escape him.

In proposing a third for him I can only hope to get for my parent Company--- the original owner of these franchises--- sixteen per cent, as the control will have to be surrendered to the new capital. My personal interest will consequently be small.

Will you kindly bring this before Mr. Morgan at a favorable moment to-day. Should he sail without doing any thing in this matter he would make me absolutely helpless.

Although one of Mr. Morgan's partners has told me that he is disgusted with me, I have never believed it. On the contrary I have always felt sure of his sympathy and feel all the more so now after passing through misfortunes the like of which can scarcely be found in history.

In granting my requests he will give me a chance. Only a slim one, unfortunately, for a project abandoned by Mr. Morgan is as dead as a door nail.

Yours very truly, N. Tesla.

A black and white photograph of a large, multi-story stone building, likely a castle or a grand manor. The building features numerous windows, some with shutters, and a prominent flag flying from a pole on the roof. The architecture is detailed with stone masonry and multiple levels of windows. The foreground shows some low-lying vegetation and a path leading towards the building.

The Waldorf-Astoria.

The distance from the station to the house is about 10 miles. The road is very good and the journey can be made in about 2 hours. The weather was very fine and the scenery was beautiful. I saw many interesting places and met some very nice people. I am now at home and feel very well.

I must close for this time. Write soon.

x the plants will take at least one year & possibly two for design & construction even if the capital is provided. By plan can be saving put in place in four months.



Waldorf-Astoria
New York



Aug. 13. 1906.

Dear Dr. Mays -

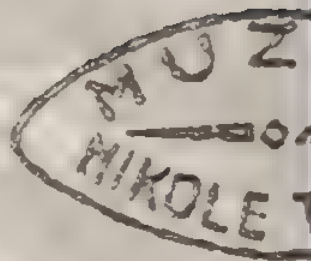
And especially the you have by the time
alluded to the most important business
~~which has been~~ which has been ~~conveyed~~ conveyed
to you version to forward copy

of the original of this version
with Dr. Ryan and should be self-
explanatory.

Since your departure I have been particularly
desirous to consult him and Dr. Schitt,
and I feel particularly grateful
adding my problems as by so means
as you advised, I have found in the
future every dollar I could spare
together and all my eggs are in
one basket. If I can complete it
I shall have a veritable lamp



Waldorf-Astoria
New York



Aug. 13

My dear Mr. G.
The most delightful
thing has been coming
ventures for some

of all others, shall not be
to be put on our own
of the world, I do not suppose
I shall be a pauper even
still, great kindness
to do, for that I am
the best of my
countrymen.

My dear friend, I have
pleasure in writing you
now, which I have
from you, I am
I have regretted
nothing of the way
I am hoping that
you are good
and be
Yours faithfully
John

The Waldorf-Astoria
New York.

Oct. 11 - 1906.

My dear Mr. L. L. L.



It is interesting to see
to find the following facts to
you receive.

~~from the following in the paper~~

found to you in the year
you have received \$100,000 from

by various undertakings for which

you are to receive on the 1st

of the month of December

of the present year complete

T. M. L. L. I have to pay

you \$200,000 in the year 1907

of which \$100,000 (Pay 3 half)

are quite some while 20000 copy
 (Deborah) are fairly written. There are
 the Rye and Pedlar. These are
 every shell of them. These are
 combined in pairs of systems. Capital
 the Rye the shell. These are
 40000. These are some are
 devoted to the most pressing business
 will. My whole name is 3/
 no longer ~~but~~ ~~that~~
~~like to get, even, and~~
~~top have for the last time~~
~~are not to be~~
 of the new 40000. These
 the ~~the~~ ~~formed~~ ~~to~~ ~~by~~
 system of ~~shell~~ ~~system~~ ~~will~~
 appear in a Company ~~shell~~
~~shell~~ ~~from~~ ~~for~~ ~~this~~ ~~purpose~~
~~from~~ ~~as~~ ~~I~~ ~~am~~ ~~not~~ ~~of~~ ~~the~~ ~~shell~~
 I am ~~convinced~~ ~~that~~ ~~the~~ ~~shell~~

Folder 1 of 2

1000 copy I shall be able to
 - Take any to give you one this
 that at the stock in hand a good
 sum of money a considerable
 copy taken in the year 1811
 the few remain in the same
 hand when the remainder is sold.

3) I have always - my
 relation with the
 my relation with the
 of the year 1811
 a copy of the
 you will be very
 very important of the
 which is the
 to be is the
 that is a
 to send the door while

The Waldorf-Astoria
New York.

The present condition of the world is
all in a state of confusion. The
I am glad to see that the
interest in the world is
strongly increasing. The
by a great force.



By which I have to state
is very different to express
I have the highest regard for
you as a big and honorable
man as the world is
to express he is a man who
and whose great contribution to the world
has been recognized by the world
of my admiration I am sure
to see a great future for the
more than

years I come from an old
 family whose name is long
 as the journey to the place
 is made from the camp
 of a flower the in the
 sea of a bear. That is
~~as it is~~ I shall
~~be~~ say. But it is
 by duty to tell you once
 more that unless you
 keep me to your pleasure
 with kind words
 and with many thanks
 by the power of God
~~and~~ I have already
~~come~~

much
 that
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1000-1124

Folder 112

made ~~several~~ sacrifice
that you would pay for
of you know. You are
reputed in a bundle of property
and if ^{to the} you prefer ^{to}
chop down ^{your} ^{own} ^{land}
Carrick, go ahead. I

her place in your hands
for you are ^{my dear people}
in them for well
attended being

How granular ^{my} - mother looks,
 about depths of all drinks -

found C Guy another relative
bought a property

supposed it is like, come off

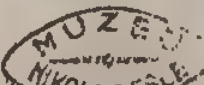
~~and is a~~

I am quite satisfied with the work
~~done~~ ~~on~~ ~~the~~ ~~day~~ ~~and~~ ~~by~~
~~the~~ ~~in~~ ~~the~~ ~~collection~~. It

is ~~the~~ ~~best~~ ~~one~~ ~~in~~ ~~the~~ ~~city~~.
I ~~am~~ ~~very~~ ~~over~~ ~~the~~ ~~work~~,
in a ~~very~~ ~~short~~ ~~time~~, all right,
I will go ~~on~~ ~~with~~ ~~it~~.

I have ~~no~~ ~~more~~ ~~to~~ ~~say~~ ~~about~~ ~~it~~.
~~to~~ ~~you~~ ~~and~~ ~~the~~ ~~public~~. They
~~will~~ ~~be~~ ~~able~~ ~~to~~ ~~see~~ ~~it~~ ~~for~~ ~~themselves~~.

~~With~~ ~~best~~ ~~regards~~ ~~to~~ ~~you~~ ~~and~~ ~~the~~ ~~public~~,
I am ~~very~~ ~~much~~ ~~your~~ ~~devoted~~ ~~friend~~,
The ~~curator~~ ~~of~~ ~~the~~ ~~collection~~.

~~Yours~~ ~~very~~ ~~truly~~ ~~Yakov~~


~~Yakov~~

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Folder 1012

The Waldorf-Astoria
New York.

Nov 23 1906

Dear Dr. Hays



You know the very first
time I came out in
a drawing. The despite of
difficulties I have succeeded
I can still manage to say
that I have succeeded
with your help for many
perhaps, around me. I think
I am in a position which is
the best of the present
and I am sure you will
be satisfied.



Folder 122

A hand-drawn map of a coastal area, likely a bay or inlet. The map is oriented with North at the top. A large, irregularly shaped landmass is on the left, with a smaller peninsula extending from its eastern side. The water area is on the right. Several labels are present: "St. John's" at the top left, "St. John's Bay" at the top right, "St. John's River" at the bottom right, and "St. John's" at the bottom left. A compass rose is located in the upper right quadrant, showing North, South, East, and West. The map is drawn with simple lines and shading.

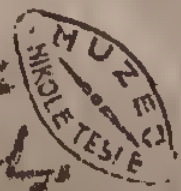
[illegible]

There were
some leaves
but when the wind
blew over, they were
uncovered.

3) By purchase in the
market place, or by
purchase from the
owner.

broad principle with
 number of special features, in
 the present I have not been
 able to find a satisfactory
 which all the conditions present
 the result. There are many
 by which the whole is
 I have one ~~thing~~ but have decided
 to give up the idea of a
 revised edition to James King
 as a complete. Regarding
 what you say regarding the
 I am, the first, with
 of the book is the first
 but the second is a
 development of the first
 In due course I shall
 present my report to the
 U. S. Congress & Mr. [unclear]
 [unclear]

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20101012

The Waldorf-Astoria
New York.



[Faint, mostly illegible handwritten text, possibly a letter or note, with several lines crossed out.]

X The ...
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Folder 1 of 2

[Faint handwriting on lined paper]

[illegible]

[Handwritten signature]

[Faint handwritten notes and scribbles across the bottom of the page.]

Handwritten signature: J. J. J. J. J.

24. 20/11/1944

empire

1944

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2-12-20

2000

Amor

~~_____~~

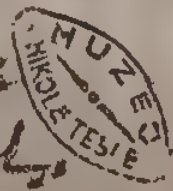
~~from the sea~~

[Faint, mostly illegible handwritten text, possibly in Cyrillic script, covering the majority of the page. Some words like "музей" (museum) and "написано" (written) are partially visible.]



Folder 1012

broad fragments with various
 numbers of special features, in
 the present I have not been
 able to find any other similar
 shells all in continuous position
 the result. There are also
 by several plates which may
 be that they have been doing
 very little or of those
 which is sufficient to bring light
 on the subject. Regarding
 what you say regarding the
 I am the first, with
 of which I have not been
 certain of the position
 of the plates of the
 In due course I shall
 send you a copy of the
 to S. Cooper & Messrs
 Parliament.



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Folder 1 of 2

[illegible]

1700-1764

2101 18704

Car. 1

[Faint, mostly illegible handwritten text, possibly a list or account, spanning the main body of the page.]

110

[Vertical column of handwritten notes or a ledger on the right margin, including words like "Gr", "L", "R", "H", "N", "S", "T", "U", "V", "W", "X", "Y", "Z".]

Folger 112



at present my plant and
Caring about the stone
when a day for it will
be a very important
many students find that
the first step in the
study of the stone is
to find out what it is
and what it is made of
and what it is used for
and what it is worth
and what it is made of
and what it is used for
and what it is worth



No person of the age
of 7 years or over
in 1890. Now I have
~~obtained all the per-~~
~~muted legal delays and~~
~~the judges who are~~
~~all the same as before~~
~~and in every way~~
~~a law of other states~~
~~which is now to be settled~~
~~on the ground that~~
~~persons are free~~
~~from rights.~~
~~Calso. from the~~
~~with the same~~

MUSEE
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1700-1764

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1875

The Walworth Astoria
New York.

Sept 27 1900

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- MIKLE TESLE -

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[illegible]

The corresponding value for

I have been thinking of you very much lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I have managed to find some time to write to you. I have been thinking of you very much lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I have managed to find some time to write to you.

5. Reply to my ~~last~~ letter.

2. ~~Handwritten text~~ 5. ~~Handwritten text~~

—

[Faint, illegible handwritten notes]

24-1-1947

2000-2001

[Faint, illegible handwritten notes]

100

John 1:1-5

~~Business~~ ~~Confidential~~ ~~Security~~ ~~Information~~

This letter is to inform you
 that I have been
 unable to attend to
 my duties lately.
 I am sorry to hear
 of your illness & hope
 you will be soon
 able to return to
 your home.
 Please.

[Signature]

[Signature]

I am very sorry to hear
 of your illness & hope
 you will be soon
 able to return to
 your home.



Closing
 Love 23
 Love 26
 Love 22

I have
 been
 very
 sorry
 to hear
 of your
 illness
 & hope
 you will
 be soon
 able to
 return
 to your
 home.

The Wallport Astoria
New York.

Dec. 12, 1907

My dear Dr. Morgan,



I would not doubt that you
are quite and very much interested in
it and are absolutely necessary to
bring the problem to your notice.

1. The first and most important thing that
a person should know is that a successful
movement. The first thing that should be
the immediate result of the first thing, for
the first thing years.

2. I was the first to see that
there is a great deal of work and
a great deal of work to be done
and a great deal of work to be done
and a great deal of work to be done.

3. To make my mission I have
the first thing and the first thing.

COPY.

Waldorf-Astoria,
New York. Dec. 18, 1907.

Mr. W. O. King,
23 Wall Street,
New York City, New York.



My dear Sir:

Acting on your suggestion I made my letter to Mr. Morgan with reference to patents as short as possible, but that made it necessarily incomplete. As I am anxious not to disturb him I would ask you to kindly bring the following, at the earliest propitious moment, to his attention.

The value of patents is not so much dependent on the commercial success of the original invention as on the general development of the art. Whoever succeeds commercially is bound to put his business under the protection of the controlling rights for the simple reason that he can make more money in this way than by fighting. Besides, it is a matter of principle. A competent business-man is not disposed to devote himself to an undertaking with the sword of Damocles constantly above his head.

Now I have in the U. S. Patent Office since four years several inventions which should be protected in the foreign countries without delay. They are of the greatest importance and value. It would be difficult to explain them in a short letter, but just to convey an idea of one suppose that all boilers heretofore made were of a material full of holes through which steam would escape so that the most furious fire would not raise but a feeble pressure. My discovery enables me to make the boiler absolutely tight and get any pressure I may want. Only in this way it is possible to get some of the results I published in 1900 (experiments I performed in 1899), and only so can a plant be made to carry a voice, say, across the Atlantic. As I wrote Mr. Morgan three years ago my present plant will transmit speech over the Pacific with equal facility.

I would like Mr. Morgan to feel that I am not actuated by my own financial interest but only by the desire to achieve for his sake. What little money is needed he might perhaps advance simply as a small loan to the Company. Five thousand dollars (\$5000) would be ample provision for all

W.C.King--2

expenses during the next few months. Treasury shares might be pledged until we get some returns. The shares cost at present \$175.00 in actual cash expended. So far I know only a few of my own have been disposed of at that figure.

Under inclosure I forward a letter. one of many evidences on this nature , which please return.

Yours very truly,



COPI.

Reid, Astoria,
New York, Dec. 22, 1907.



Mr. W. C. King,
23 Wall Street,
New York City, New York,

Dear Mr. King:

Your letter relieves me, at least, on an harassing responsibility, but that is an unusual attitude to assume for a man of Mr. Morgan's broad views.

In all I attempted for the past few years I have encountered a strange and firm resistance. Mr. Morgan will rather have the property go to the dogs than to help. I think I understand!

Yours truly,

June 9, 1908.

Messrs. J. P. Morgan & Company,



23 Broadway,

New York City.

Gentlemen:--

Some crank has forwarded letters addressed to me to your care, which have reached me apparently through your courtesy.

You will greatly oblige me if you will henceforth throw such letters in the waste-paper basket, where they belong.

Very truly yours,

(COPY)

Waldorf-Astoria Hotel, March 31, 1913

J. P. Morgan & Co.,
27 Wall Street,
New York, N. Y.

Dear Sirs:

Please accept my heartfelt condolences on the death of the great man who was the head of your famous firm. When I can feel such a void in my heart and brain at the passing of Morgan I can appreciate, in a measure, the depth of feeling of those who were his lifelong comrades.

The loss is irreparable but I hope that his wonderful mind will further guide your house and that it will continue an example of banking on the highest plane, for the honor of the country and benefit of the whole world.

Believe me,

Very truly yours,

(Signed) N. Tesla

ANSWERED, 1913-1914
J. P. Morgan & Co.
27 Wall Street
New York, N. Y.
1913-1914
Box 9

J. P. MORGAN & CO.
Wall St. corner Broad.
New York.

DRINKEL & CO.
Philadelphia.

MORRIS, GRENELL & CO.
London.

MORGAN, HANSEN & CO.
Paris.

Dear Sir,

Nicola Tesla, Esq.,

1 Madison Ave.,

New York City.

Dear Sir:



We beg to thank you for your participation
note of condolence and your satisfaction
of the tribute which, on the memory of
our honored and beloved chief and our profound
appreciation of your sympathy in our bereavement.

Very truly,

J. P. Morgan

NEW YORK-PHILADELPHIA,

April 22, 1913.

Dear Sir:

It is with the deepest regret that we are called upon to announce the death of our beloved senior partner,

Mr. J. PIERPONT MORGAN,

which occurred at Rome, Italy, on the 31st ultimo.

In accordance with the co-partnership agreement and testamentary dispositions, the business will be continued without any change, the estate of the late Mr. MORGAN continuing his interest as heretofore.

We desire to avail ourselves of this opportunity to acknowledge with warm appreciation the numerous kind expressions of sympathy which we have received from the many personal and business friends of our late partner.

J. P. MORGAN & CO.

DREXEL & CO.

37 EAST THIRTY-SIXTH STREET

Sunday, April 13/13



Dear Mr. Tesla -

I have only three
cards for the gallery left and
take pleasure in sending you
one. I am sorry that at
this late hour, I have no
letter sent for you.

Very sincerely yours
Hobert L. Satterlee



219 MADISON AVENUE

Mrs. Morgan and her family
beg to thank Mr. Tesla
for the sympathy shown by
his beautiful gift of flowers.

Funeral Service of the late J. Pierpont Morgan, Esq.

ST. GEORGE'S CHURCH

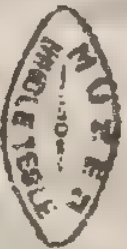
Stuyvesant Square and East 16th Street

Monday, April 14th, 1913

Please present this card between 9 and 9.45 a.m.

GALLERY





219 MADISON AVENUE

Mrs. Morgan and her family
beg to thank Mr. DeLa
for the sympathetic shown by
his beautiful gift of flowers!

Funeral Service of the late J. Pierpont Morgan, Esq.

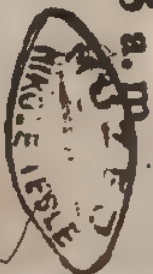
ST. GEORGE'S CHURCH

Suyvesant Square and East 16th Street

Monday, April 14th, 1913

Please present this card between 9 and 9.45 a.m.

GALLERY



29 WALL STREET

N.Y., May 14, 1913.

N. Tesla, Esq.,
202 Metropolitan Tower,
1, Madison Avenue,
New York.

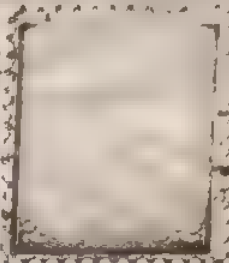
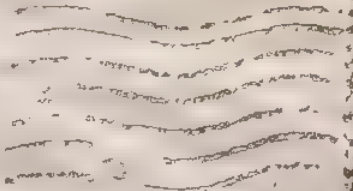
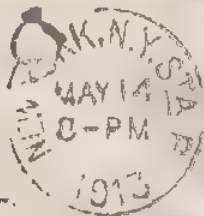
Dear Sir:

I am directed by Mr. J.P. Morgan
to say that he has your letter of
yesterday and that he expects to be
at the office all next week and will
be glad to see you if you call.

Yours very truly,


Secretary.

RECEIVED
MAY 15 1913
J.P. MORGAN & CO.



N. Tesla, Esq.,

202 Metropolitan Tower,

1, Madison Avenue,

New York.

No.

If not delivered in five days
return to

J. P. MORGAN & CO.

NEW YORK

P. O. Box 3036



202 Metropolitan Tower
May 14, 1914

J. P. Morgan, Esq.,
c/o Messrs. J. P. Morgan & Co.,
3 Broad Street, City.

Dear Mr. Morgan:

Respect for your sorrow has kept me from writing before this and asking the favor of a short interview.

I am very anxious to see you in regard to some matters of importance and will be much obliged if you will kindly appoint a meeting at your convenience.

Very truly yours,

208 Metropolitan Tower, May 19, 1913

Dear Mr. Morgan:

Realizing the great demands upon your time I am enclosing a few short statements, bearing on the subject of our discussion, for perusal at your leisure.

As you may know, it was my good fortune to discover an electrical principle which has been universally adopted in the transmission of power and in which incalculable capital is now invested. My present invention is, I believe, still more important and valuable.

It is my firm conviction that this new principle is destined to work a tremendous revolution and that not one of the present forms of apparatus used in the production of mechanical power will remain. Its application to the manufacture of iron and steel, alone.



will yield a new revenue of \$100,000,000 a year through the utilization of the waste heat and other economies, and it will have a similar effect on ship propulsion, railroad-automobile, and many other large industries.

Knowing this as I do, not merely as an expert but as a seer, you may judge how anxious I am, for the sake of the world, to connect myself with a man of your integrity and power to whom I am attracted by sympathy and esteem.

Yours very sincerely,

J. P. Morgan, Esq.,
3 Broad Street,
New York, N. Y.



\$ 15000 ⁰⁰/₁₀₀



New York, May 20 1913

Bowie Brown, ^{the date} I promise to pay to
the order of J. P. Morgan & Co.

Fifteen Thousand ⁰⁰/₁₀₀ Dollars

at this office 10 Broad Street New York City

Value received 6% interest per annum

No. Due

11

\$ 10000.00



New York City, May 20 1913

Dear Sirs: I promise to pay to

the order of J. P. Morgan & Co.

Five Thousand Dollars

at the office of the above named bank

Value received 6% interest per annum

No. Due

202 Metropolitan Tower, May 20, 1913

My dear Mr. Morgan:

Please accept my sincere thanks for your generous loan. I feel happy to have enlisted the interest of so big-hearted a man.

After a careful review of the situation I shall make a clear statement, setting forth the propositions which I have put before you today.

With renewed thanks and expressions of high regard, believe me,

Faithfully yours,



J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

202 Metropolitan Tower
June 6, 1918.

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

Dear Sir:



Under enclosure please find statements concerning two groups of my inventions, respectively, in the wireless art and fluid propulsion.

As regards the first, I had the great honor of associating myself with your father. Needless to state that he carried out his promise to the letter, generously advancing one hundred fifty thousand dollars, but others deserted me. Although I managed to raise by personal sacrifices an additional capital of over two hundred thousand dollars, it was not enough to complete my project and I was compelled to devote myself to other inventions which I am glad to say are now perfected and ready for commercial use.

In either of these fields in which I have the good fortune to be a pioneer the possibilities are immense and I can vouch for the fullest success, but my appeal for your support is on a higher plane.

In brief, my interest is controlling in the first group of inventions; in the second, I have 50% clear and have secured by option an additional interest.

The proposition which I would respectfully submit is to organize two companies and to turn over to you my entire interests in both, of which you may accord me such a part as you choose which, moreover, will be honorably pledged to yours so as to enable you to carry out any plan of policy you may deem best.

Hoping that you will do me the honor shown by your father and assuring you of my gratitude and high regard, I remain,

Yours faithfully,

23 Wall Street,
New York.

June 11th, 1913.

My dear Mr. Tesla,

I am greatly impressed by your letter of June 8th, but could not, of course, consent to your doing as you suggest, that is, turning over to me your entire interest in the two companies which you propose to organize. I wish to make a counter suggestion in that connection, which is that you should proceed to organize your companies, and, if and as they work out, repay to Mr. Morgan's Estate, either in securities or in cash, the money Mr. Morgan advanced, as may be best arranged at that time. It seems to me that you are entitled to the profits on these companies, but that Mr. Morgan would, in strict justice, be entitled to a return of his money if it could be arranged.



I presume that all this does not have any connection with the turbine matter in regard to which we talked the other day.

Yours very truly,

Mr. Nikola Tesla,
202, Metropolitan Tower,
New York City.

(COPY)

1 Madison Avenue, June 15, 1913

My dear Mr. Morgan:

Many thanks for your extremely kind letter which I value very much as evidence of your sympathy and appreciation of my work..

It is clear to me now that you are moved by the same great spirit of generosity which has animated your father and I am more than ever desirous of enlisting your interest and support in these important advances, knowing that the world will then see their full possibilities. Destiny has placed you in a position of great power and influence and here is a wonderful opportunity.

As for myself I contemplate more than financial success. Ten years ago I wrote to Mr. Morgan:..."I shall speak your name in the telephone and it will be repeated loudly, everywhere in the tone of my voice. This I have conceived as a means for acquitting myself fittingly of my debt to you." A great monument will no doubt be built to Mr. Morgan but none in marble or bronze could be as lasting as the achievement which I have proposed to link with his memory.

I must not have been quite explicit in my letter of the 6th inst. Permit me to explain that the statements submitted to you deal with two groups of inventions in entirely different fields - in "wireless" and "fluid propulsion." The turbine is only a special case in the latter group. They are of great and already established value and I sincerely hope, in a higher interest, that you will look favorably on my proposition.

Believe me,

Ever yours faithfully,

(Signed) N. Tesla



Sent to Mr. Morgan the following:

Letter rec'd from Mr. Lowenstein in re Elec. meeting.

Copy of Century Article, 1900

Copy of Electrical World Article, 1905.

and the account of the leading German technical papers:

"This is a blending of the grandest
technical accomplishment with the most
vivid imagination such as perhaps has
never before manifested itself in the
human mind."

June 19th, 1913



202 Metropolitan Tower
June 19, 1913

My dear Mr. Morgan:

We are but cogs in the mechanism of the universe and it is probably an unavoidable consequence of the laws governing that the pioneer, who is far in advance of his age, is not understood and must suffer pain and disappointment and be content with the higher reward which is accorded to him by posterity.

I was chosen to give to the world the wireless art - not an insignificant improvement like Hertz-Wave Telegraphy - but the greatest invention of all times, a realization of the Lamp of Aladdin which gives magical powers to man. Ten years ago all the experts condemned my efforts as visionary and even my most successful follower emphatically declared that it would take centuries before such a wonder as the wireless transmission of a message across the Atlantic would be accomplished. So it comes that to this day the public has not even a faint conception of what can be done by properly designed apparatus and its skillful manipulation. The enclosures which I take the liberty to forward will throw a little light on the subject and show how much my work of thirteen years ago was ahead of the very latest achievements.

In mechanics I am making a similar experience. Seven years ago I satisfied myself that the new principle of fluid propulsion which I had discovered would work a tremendous revolution. My first announcements met with the usual skepticism. Wellknown engineers were of the opinion that a machine on my plan would not work at all. When I finally managed to produce a turbine not bigger than a hat, developing one hundred horsepower, I merely transformed the resistance of ignorance into one of cunning opposition. If I continue alone, years

may pass before I can see the full fruition of my labors. If I seek a powerful alliance, I shall have to make the same sacrifices as in my system of transmission of power by alternating currents when I gave away with one signature an immense fortune and a commercial asset, the value of which cannot even be estimated.

I wish to thank you for your very kind letter of the 17th inst and to express the hope that you will conserve the friendly interest you have manifested until I complete the machines I am now constructing, when I shall be able to give you a striking demonstration and perhaps submit some other proposition which might be acceptable to you.

Believe me,

Yours most faithfully,

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.



\$5000.



July 23 1913

On July 20, 1911 after date promise to pay to
the order of J. P. Morgan & Co. Five thousand

at office of J. P. Morgan & Co. 150 Broadway New York City
Value received with interest @ 6% Dollars

No. Due et hale Teale

The Boston Company 40 John St N.Y.

July 23, 1913

Dear Mr. Morgan:

When I asked you for a loan recently and you offered me more, my appreciation of your generosity was scarcely equal to my resolve not to abuse your same generosity. I was all the more anxious to work out the solution of my problems with what funds I had available as I knew from your published statements that these are trying times which must tax to the utmost your own resources.

But since our last meeting new situations have presented themselves and unforeseen events have occurred which necessitated larger expenditures in the interest of the business I am developing. I shall soon have results which, I trust, will be of such value as to make you feel that your vigorous timely assistance was well deserved.

With expressions of deep regard, believe me as ever,

Yours faithfully,



(Signed) H. T.

202 Metropolitan Tower

August 22, 1913

Dear Mr. Morgan:

I am forwarding photographs of one of the machines which your generous assistance has enabled me to construct and which I am expecting soon to have in running order.

This is an invention of the greatest commercial value, sure to create an industrial revolution, and I hope that you can be persuaded to take it into your strong hands not only for my sake but for the general good. It will give you additional power and influence in affairs which, vested in a man of your lofty principles, can only be for the best.

Please do me the favor of reading the enclosed statements of a leading electrical engineer which will convey to you an idea how anxious I am to reach quick results in order to complete the undertaking which I have begun with your father and show to the world the full possibilities of my wireless inventions.

Yours very sincerely,



J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

23 WALL STREET
NEW YORK

August 25th, 1913.

Nikola Tesla, Esq.,
202, Metropolitan Tower,
New York City.

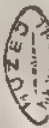
Dear Sir,

Mr. J. P. Morgan

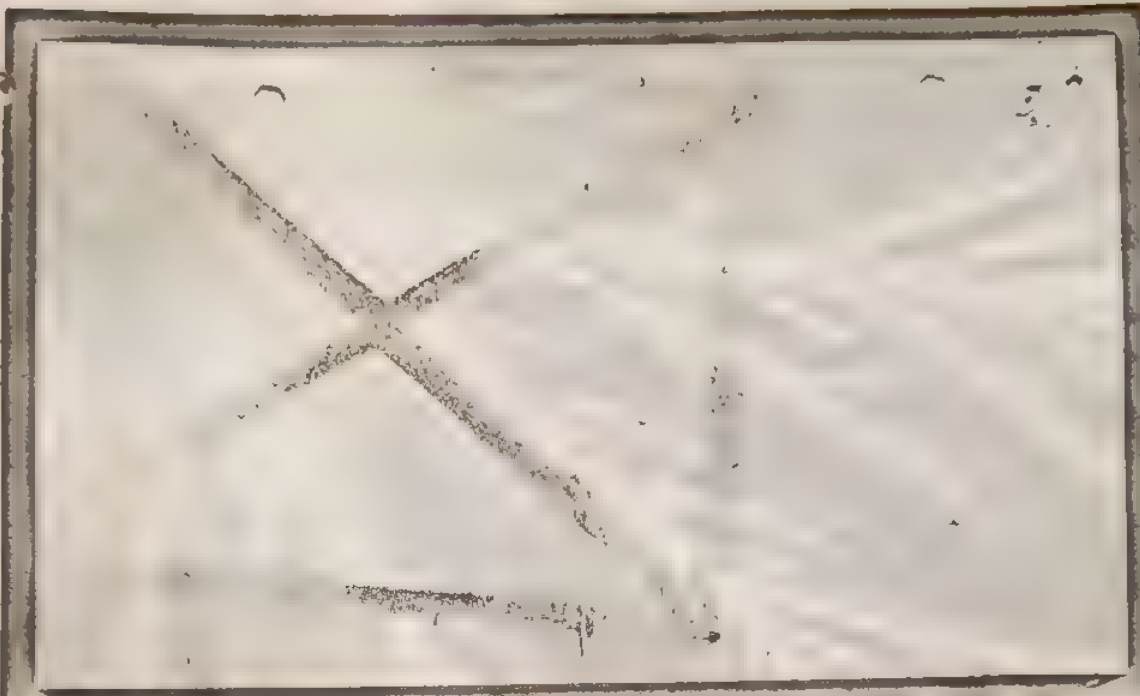
directs me to thank you for your
letter of the 21st instant, which
he has read with interest; also for
the photographs which accompanied
your letter.

Yours very truly,

Secretary.



[Handwritten signature]



6

23 WALL STREET
NEW YORK

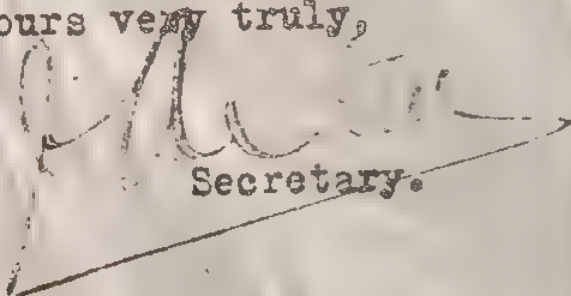
August 25th, 1913.

Nikola Tesla, Esq.,
202, Metropolitan Tower,
New York City.

Dear Sir,

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directs me to thank you for your
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he has read with interest; also for
the photographs which accompanied
your letter.

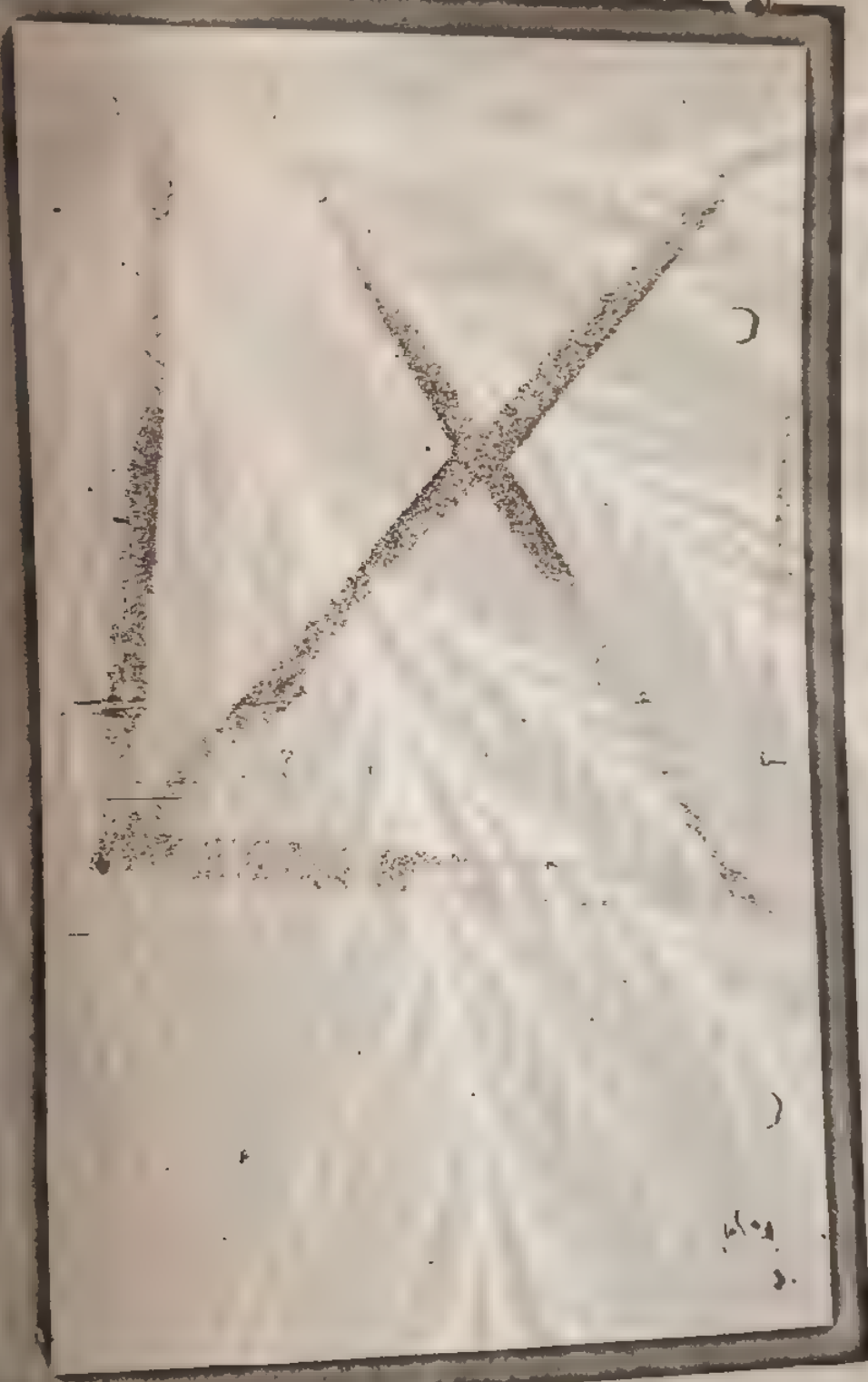
Yours very truly,


Secretary.

1913.

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202 Metropolitan Tower
September 11, 1913

Dear Mr. Morgan:

I am keenly disappointed to learn that you are sailing on the sixteenth as I had expected to show you one of my machines at the Edison Plant where it will be shortly installed.

Please note article under enclosure. Most of this huge capital will be invested in my system of power transmission. Yet I firmly believe that the new mechanical principle which I am now bringing out will prove still more valuable commercially. In view of this I would feel happy if some proposition could be framed which would be acceptable to you and under which you would have the full control. Would you not be willing to come to a general understanding in this regard and leave the adjustment of the details for the future, at your pleasure and convenience? I could, in the meantime, establish a profitable little business with small capital and some of my larger projects already started would by that time materialize and bring results deserving your attention.

Hoping from all my heart that you will look favorably on this suggestion and awaiting your kind reply, I remain, with expressions of high regards, as ever



Yours faithfully,

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.


23 Wall Street.
New York.

September 12, 1913.

Dear Mr. Tesla:

I have your letter of yesterday, but, in the pressure of work preparatory to leaving, it is impossible to take up the matter you write about, especially as I shall not be at the office after today. Perhaps when I return some time in December, it will be possible for me to go into the question.

Yours very truly,


J. P. Morgan

Nikola Tesla, Esq.,
202 Metropolitan Tower,
Madison Square,
New York.

September 15, 1913

Dear Mr. Morgan:

Please accept my sincere thanks for your kind and much valued letter. It would give me the greatest satisfaction to be associated with so splendid a man.

I shall look hopefully to your return and trust that I will be able to solve the problems confronting me until then.



With best wishes for a happy voyage, believe me,

Most faithfully yours,

(Signed) N. Tesla

22 Old Broad Street,
London. September 23, 1913.
E.C.

Dear Mr. Tesla,

Thank you for your note,
and for the books which you so kindly
sent me for the voyage.

Yours very truly,

John G. Thompson



Nikola Tesla, Esq.,
Metropolitan Tower,
New York City.

180 271
Nikola Tesla, Esq.,
Metropolitan Tower,
New York City.
(1, Vol 18)

22. Old Broad Street.
London. September 23, 1913.
E.C.

Dear Mr. Tesla,

Thank you for your note,
and for the books which you so kindly
sent me for the voyage.

Yours very truly,

J. Murray



Nikola Tesla, Esq.,
Metropolitan Tower,
New York City.

1913.

note.

kindly

Andersen, Leland - Icelandic Manuscript Collections
(see also 1913) R. 100

(Copy)

December 23, 1913.

Dear Mr. Morgan:

During your absence I have used my limited wits and resources the best I could with the following results:

- 1) Agreement completed with the Bergmann Works (one of the largest concerns in Germany) on good royalty basis. Very valuable.
- 2) Sale of exclusive license for Belgium through the adviser of the King. The former Prince Albert knows me personally and takes great interest in my work. Payment \$10,000 cash and fair royalty.
- 3) Concession for Italy through an associate of Crispi. Payment \$20,000 and royalty. Not yet consummated.
- 4) Exclusive license for the United States to the Wing Manufacturing Company for turbo draught blowers. Royalty with guaranteed minimum. Manufacture started.
- 5) Exclusive license for train lighting to Dressel Railway Lamp Works. Royalty and guaranteed minimum. Consummated.
- 6) Agreement for automobile lighting with engine exhaust gas. Royalty basis. Manufacture started.
- 7) License for limited use of my wireless system on royalty basis. Apparatus has been installed on several battle-ships.
- 8) Agreement with L. C. Tiffany (Tiffany Co.) on new invention. Percentage of manufacturer's selling price. Work started. Excellent chance.
- 9) Prospective agreement with Mr. N. F. Brady of the Edison Company in regard to the manufacture of turbines. Very good chance for big business.
- 10) Number of other propositions more or less developed. Some important.

As you see, Mr. Morgan, here are decidedly valuable results very gratifying to me but, on the other hand, I am almost despairing at the present state of things. I need money badly and I cannot get it in these dreadful times. You are about the only man to whom I can now look for help. I have stated my case.

With best wishes for a happy Christmas, I am, as ever,

Yours gratefully,

J. P. Morgan, Esq.,
15 Broad St., City

New York, December 24 1913
Nikola Tesla Esq

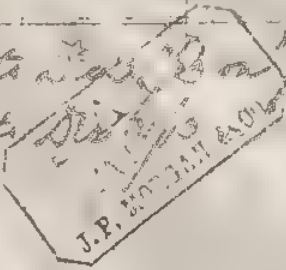


J. P. MORGAN & CO.,

WALL AND BROAD STREETS.

6%

| | | |
|--------------------------------|---------|-----------------|
| Interest from May 20 to Aug 15 | \$5.000 | 552. 50 |
| Do. July 23 to Dec 15 | 5.000 | 131. 67 |
| | | <u>\$684.17</u> |



New York, December 31 1913

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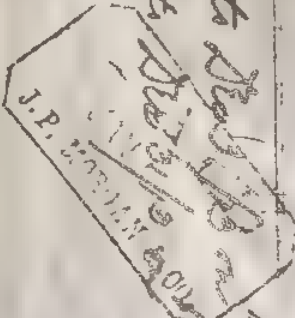


J. F. MCGREGAN & CO.,
70 E. AND BROAD STREETS.

6%

Interest from May 20 to Dec 31 1913

Dr. July 23 to Dec 31 1913



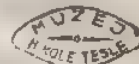
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|------|---------------|----|
| 5000 | 552. | 50 |
| 5000 | 131.67 | |
| | <u>684.17</u> | |

YES 491

Anderson, Ireland - Anderson & Hanusson Collection
Liberty
(S. and S.) Nike

J. P. MORGAN & CO.
Wall St. corner Broad.
New York
DREXEL & CO.
Philadelphia.
MUMFAN, GRENFELL & CO.
London.
MORGAN, HARJES & CO.
Paris

New York, December 24th, 1913. D



Nikola Tesla, Esq.,
202 Metropolitan Tower,
23rd St. & Madison Ave., N.Y. City.

Dear Sir:-

Enclosed please find memo. of interest to December 31st,
1913, on your loan. We should be pleased to receive your check for
same on or before that date, when we close our books for the year.

Yours very truly,

Enclosure

202 Metropolitan Tower
December 29, 1915

Dear Mr. Morgan:

As stated in my letter of the 28th inst., I have already started a very profitable business which will yield in a short time a liberal income but my present situation gives me considerable anxiety.

I am just now installing a large turbine at the Edison Plant preliminary to its shipment to the Bergmann Works in Germany where it must be delivered in January. My contract with this firm is of the greatest consequence to me as it should be worth at least \$100,000 annually on the basis of the royalties stipulated. Other great German manufacturers are expected to join in the exploitation and even the Kaiser is interested. His Majesty and the Empress honored me some time ago with invitations to Berlin of which, unfortunately, I was unable to avail myself. I am preparing to make demonstrations to Mr. Brady with this turbine, confident of convincing him that in adopting my invention the New York Edison Company could save one-third on their fuel bill. As soon as I have reached a conclusion with him I shall be in the position to put before you a proposition which I trust you will consider favorably.

In connection with the contracts already undertaken and other pending negotiations, I am constructing model machines and developing plans calling for constant outlays. Furthermore, I have to defray numerous patent fees, workings and legal expenses and have also to meet before December 31st the interest on my notes for your generous loan of \$20,000.

If you will kindly grant me another small loan and extend the old one to the 1st of May, I shall make an earnest effort to remit as fast as money is received until I have either acquitted myself of the debt or some other agreement is reached.

Assuring you that I shall deeply appreciate your friendly help in these terrible times, I remain, as ever

Yours most faithfully,

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

202 Metropolitan Tower
December 31, 1913

Messrs. J. P. Morgan & Co.,
15 Broad Street,
New York, N. Y.

Gentlemen:



Replying to your favor of December 24th, I regret very much that owing to an unforeseen circumstance check for \$684.17 (interest due on my loan to December 31st, 1913) will not reach you before Friday.

Asking you to kindly excuse the delay, I remain

Very truly yours,

23 Wall Street.
New York.

January 2nd, 1914.



N. Tesla, Esq.,
202. Metropolitan Tower,
New York City.

Dear Mr. Tesla,

I received your letter of December 29th and am quite willing to extend the old loan to the 1st of May next, but I am not prepared to increase the amount by making a further loan as you suggest.

Yours very truly,

202 West 10th Street
New York, N. Y.

January 6, 1914

Dear Mr. Morgan:

Your letter of January 2d. kind and considerate as it was, has given me a painful shock although I had no right to expect further assistance from you for I believe that no other man in the United States would have done what you did under the circumstances.

With a man of few words like yourself a short statement is better than pages of explanation. I quote from a letter received this morning from the Bergmann Works by their representative here:

"Mr. Tesla will doubtless be pleased to learn that the Minister of Marine, Excellenz von Tirpitz has been requested to report to the German Emperor relative to the Tesla Turbine, who is greatly interested in this invention. We have promised his Excellency that the machine will certainly be here on exhibition about the middle of January, so you know what this means."

The machine has been completed some time ago and I hardly need to tell you why it was not shipped. I want \$5,000 to carry out my agreement with the German firms and I cannot raise it even on contracts which, normally, would be considered fair security. If I cannot procure this amount immediately I fear that I shall lose a chance which does not come more than once in a lifetime.

My success with the German firms means that I shall be a wealthy man within a year and able to carry out at my own expense the undertaking which I began with your father to a triumphal conclusion. My failure there would be disastrous to me and may make forever impossible the consummation of plans which I have patiently followed up for more than ten years.

Yours most faithfully,

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

23 WALL STREET
NEW YORK

January 5th, 1914.



N. Tesla, Esq.,
202, Metropolitan Tower,
New York City.

Dear Sir,

Mr. J. P. Morgan has
received your letter of even date,
and directs me to inform you that
he will make you a further loan of
\$5,000. for the purpose you mention.

Perhaps it would be
best for you to come to this office
and arrange the details of the matter
as in past cases.

Yours very truly,

P. A. LIA
Secretary.

23 WALL STREET
NEW YORK

January 5th, 1914,



N. Tesla, Esq.,
202, Metropolitan Tower,
New York City.

Dear Sir,

Mr. J. P. Morgan has
received your letter of even date,
and directs me to inform you that
he will make you a further loan of
\$5,000. for the purpose you mention.

Perhaps it would be
best for you to come to this office
and arrange the details of the matter
as in past cases.

Yours very truly,

J. P. Morgan
Secretary.

ary 5th, 1914,



an Tower,
rk City.

. Morgan has
of even date,
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urther loan of
ee you mention.
it would be
to this office
ls of the matter

ry truly,

[Handwritten signature]
ecretary.

85000

January 6th 1914

On February 20 "1914 after date I promise to pay to the order of J.P. Morgan & Co. five thousand Dollars

at office of J. Morgan 15 Broad St N.Y. City
Value received with interest @ 6%.

No. Due Mikala Teala

\$5.000-



February 6 1914

On February 20 1914, the day of the
the order of J. P. Morgan & Co.
of the order of J. P. Morgan & Co.
at the office of J. P. Morgan & Co.
with interest at 6%
No. _____ Date _____
Official Test

The Board of Directors

1800-1

ANDERSON, LEONARD - ATTORNEY AT LAW - 1800-1
(SEE PAGE 1) NIKOLA

Copy

January 6, 1914



My dear Mr. Morgan:

This happens to be a Christmas eve and I naturally feel the power of the mysterious influence transmitted through ages which makes us the more susceptible to acts of kindness.

I do not know what I would have done without your timely assistance in these distressing circumstances when everybody holds on to his dollars like a drowning man to a straw.

Believe me, more than on my own accord am I glad to know that the great Morgan has left so worthy and noble a successor.

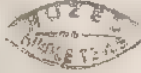
I wish you from all my heart health and strength and continued success in your difficult and responsible position.

As ever yours,

Most faithfully,

(Signed) N. Tesla

202 Metropolitan Tower
March 12, 1914



Dear Mr. Morgan:

I have perfected a very valuable invention for which there is a ready and virtually unlimited market. The underlying principle is considered entirely novel and original and my practical record is firmly established. The patent attorneys, Kerr, Page, Cooper and Hayward, have examined carefully its merits from their point of view and I have also asked competent expert advice. The enclosed letters will speak for themselves.

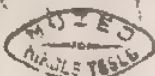
To convey an idea of the commercial possibilities, permit me to mention just one special application of my improvement. Every automobile now carries a speed indicator or tachometer, which is a complicated and delicate apparatus comprising clock work, centrifugal regulator, cams and levers. A further drawback is that the indications are not proportionate to the speed which necessitates the employment of an empirical scale and careful calibration. The present market price is from \$50 to \$100 and several hundred thousands are sold annually.

My new indicator is ideally simple, consisting practically of two parts which are extremely cheap to manufacture so that the whole instrument can be had for a few dollars. The important thing, however, is that the indications are rigorously proportionate to the speed, dispensing with all adjustment and calibration and permitting the use of a uniform scale. Putting it conservatively, I can save from thirty to sixty dollars on each car while giving to the purchaser incomparably better service. If I confine myself only to this one specialty I can easily make a large sum of money yearly, but there are many other and even wider fields for the invention and my attorneys urge me to start the introduction without delay.

Now, Mr. Morgan, I cannot tell you how much I would appreciate the honor of an association in business with you and how happy I would feel to put myself in good standing with your father's estate and yourself. I would like to incorporate a company with small capital under my name and turn it over to you entirely in any manner

J. P. Morgan, Esq.,

-2-



you choose. As I know that you are too generous and would give me more than I ask for, I take the liberty to suggest one-third of the interest for myself.

Please do not consider this proposition as an inducement because it is profitable, but take it in the respectful spirit in which it is made, namely, as an appeal to you for help at a critical moment of my life when it is imperative for me to secure as quickly as possible financial returns.

In the turbine proposition I have received a painful setback. I installed the machine at the Edison Plant and made some very gratifying tests but soon discovered that the castings of the bearings were full of small holes which allowed the water to enter and made it hazardous to run. After numerous ineffectual attempts to remedy the defects I had to resign myself to renew these parts. The work is being carried on day and night and I expect to have everything in running order the latter part of next week, but I have spent considerably more money than I expected and the incertitude of meeting the bills and also of making certain payments in connection with my patents worry me greatly and at present I have only the hope that I might hear from you favorably.

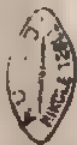
Believe me,

Yours most faithfully.

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

23 WALL STREET
NEW YORK

March 16, 1914.



Nikola Tesla, Esq.,
1. Madison Avenue,
New York.

Dear Sir:

Mr. J. P. Morgan has received your letter of March 13th and directs me to inform you that it would be impossible for him to become interested in any further inventions, the demands upon him time for other matters being one of the many reasons against his doing so. I return the two letters which accompanied yours.

Yours very truly,

J. P. Morgan
Secretary.

23 WALL STREET
NEW YORK

March 16, 1914.



Nikola Tesla, Esq.,
1, Madison Avenue,
New York.

Dear Sir:

Mr. J. P. Morgan has received your letter of March 13th and directs me to inform you that it would be impossible for him to become interested in any further inventions, the demands upon him time for other matters being one of the many reasons against his doing so. I return the two letters which accompanied yours.

Yours very truly,

A handwritten signature in dark ink, appearing to read "J. P. Morgan".
Secretary.

1914.

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202 Battery Place New York
March 28, 1914

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

Dear Mr. Morgan:

I have received your Secretary's letter of March sixteenth and wish to thank you for the attention given to the matter, as well as to apologize for my intrusion upon your valuable time.

There was, of course, little hope that you would favorably consider my proposal but, as a matter of principle, I did not want to undertake anything before offering the invention to you. It is a very fine improvement, indeed, out of which a great deal of money can be made quickly and my only difficulty now is to secure a little capital for starting the business. I believe that if I had \$10,000 to begin with I could make \$150,000 in the first year. The turbine development will be of necessity slow and I am trying hard to establish a profitable business in the meantime, in order to free myself of obligations and meet my current expenses.

Believe me, as ever,

Yours faithfully,

202 Metropolitan Tower
March 19, 1914

J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

Dear Mr. Morgan:

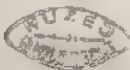
The reports which you may have noticed in the papers this morning, in regard to a wireless patent suit, are misleading inasmuch as the decision involves only certain specific features. The Marconi patent chiefly concerned in the suit was applied for four years after a grant to me of a broad patent on the same apparatus and its allowance was due to a mistake of the Examiner. My patents are absolutely controlling in every important feature of the art.

The same case was recently argued in France between the Marconi and French Companies and, on the strength of my statement which I enclose and my American patent anticipating that of Marconi, a decision was rendered in favor of the French Companies.

Faithfully yours,

Enclosure

202 Metropolitan Tower
March 20, 1924



J. P. Morgan, Esq.,
15 Broad Street,
New York N. Y.

Dear Mr. Morgan:

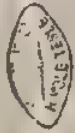
I would be very grateful if you would accord
me a few minutes at your convenience. I could come to your
office any hour at short notice by telephone.

Thanking you in advance, I remain,

Yours faithfully,

25 WALL STREET
NEW YORK

March 23rd, 1914.



H. Tesla, Esq.,
202, Metropolitan Tower,
New York City.

Dear Sir,

Mr. Morgan has
received your letter of March 20th,
but says that it is impossible for
him to see you at present, his time
being so fully occupied with many
other matters.

Yours very truly,

J. P. Morgan
J. P. Morgan

100 201
MORGAN, J. P. - Admiral and MORGAN, J. P. (1834-1913)

23 WALL STREET
NEW YORK

March 23rd, 1914.

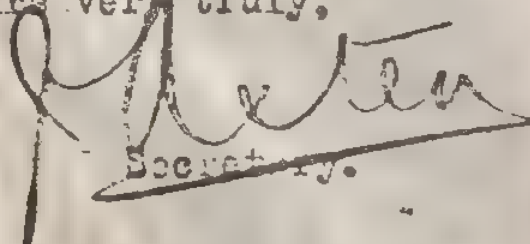


N. Tesla, Esq.,
202, Metropolitan Tower,
New York City.

Dear Sir,

Mr. Morgan has
received your letter of March 20th,
but says that it is impossible for
him to see you at present, his time
being so fully occupied with many
other matters.

Yours very truly,


Secretary.

3rd, 1914.

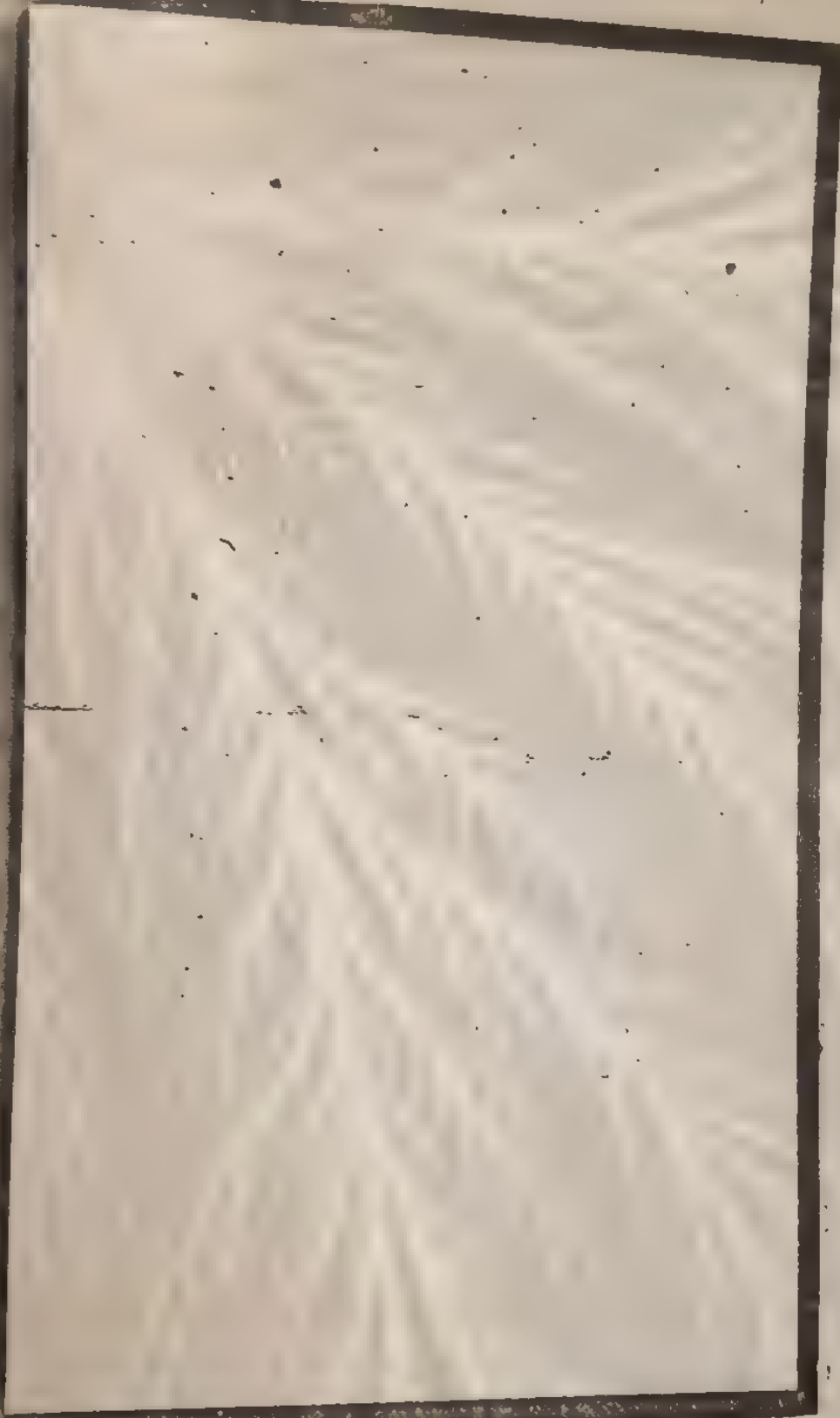


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March 20th,
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with many

truly.

John
1914.



ALBANY, LEAND - ALBANY, LEAND

202 Metropolitan Tower
April 8, 1914



Dear Mr. Morgan:

I regret the necessity of intruding upon your valuable time but will be as brief as possible.

Under enclosure please find copy of formal letter addressed to me by your father, defining our mutual understanding in regard to his generous loan of \$150,000. The original is in my safe and I have looked upon it always as my most precious possession. The patents granted to me in the United States absolutely control the wireless for all purposes, as you may satisfy yourself through Kerr, Page, Corner and Hayward, attorneys for the General Electric and Westinghouse Companies. There will be immense sums of money invested in the new art and if I can only protect our joint property, a liberal return on the investment made cannot escape me.

I am also enclosing several agreements already consummated to show the commercial possibilities of some of my inventions. I have numerous pending proposals in this and other countries which may at any time materialize but for the time being I am in a serious plight. If you do not come to my rescue I shall surely suffer great loss and be set back in the development of my business, possibly for years. As I stated in a previous letter, if I could only get a loan of \$10,000 on those agreements as security for the purpose of putting on the market a magnificent money-making invention, I would be on an earning basis within two months and fully able to meet all the expenses which the development of my business demands until the larger undertakings come to fruition. You are the only man I know big hearted enough to make such an advance.

Hoping that I have not in any way forfeited the kind interest you have already shown and the confidence with which you have honored me, I remain,

Yours most faithfully,

J. E. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

80 WALL STREET
NEW YORK

April 8, 1911.



Nikola Tesla, Esq.,
302 Metropolitan Tower,
New York.

Dear Sir:

Mr. Morgan has received your letter of April 7 and directs me to tell you that he is not prepared to make any further advance of money to you. I return herewith the copy of the agreement which we sent for Mr. Morgan's information.

Yours very truly,

A handwritten signature in dark ink, appearing to be "J. P. Morgan", enclosed within a simple rectangular box.

23 WALL STREET
NEW YORK

April 6, 1911.



Nicole Tesla, Esq.,
202 Metropolitan Tower,
New York.

Dear Sir:

Mr. Morgan has received your letter of April 3rd and directs me to tell you that he is not prepared to make any further advances of money to you. I return herewith the copies of the agreements which you sent for Mr. Morgan's information.

Yours very truly,

A handwritten signature in dark ink, appearing to read "J. P. Morgan". The signature is written in a cursive style with a large, sweeping flourish at the end.

received your
and directs me
is not prepared
advances of money
herewith the copies
which you sent for
ation.

De la

[illegible]

The Waldorf-Astoria
New York.

April 8, 1914.

My dear Dr. Hoge,



Words can not express how
much I ^{have} deplored the cruel
necessity that compelled me
to appeal to you again. But
it was only after many futile
attempts in other directions
that I write you knowing
you will understand the cause
I write to. I said that I
was in a serious plight, but
the plain fact is that I am
in a critical condition.

which I feel the
true and ~~unhappy~~ ^{unhappy} near
to a ~~tramp~~ ^{tramp} & please
do not take this as
another cry for help
but I wish you to
recollect that the world
is full of such people
and that many of you
shut them out.

Yours ever
John

Thence

23 WALL STREET
NEW YORK

May 1st, 1914.

N. Tesla, Esq.,
Woolworth Building,
New York City.



Dear Sir,

Mr. J. P. Morgan has received
your letter of yesterday, and directs
me to point out to you that the loan
was extended for three months from
February 20th, and therefore does not
fall due until May 20th.

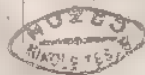
Yours very truly,

A handwritten signature in dark ink, appearing to be "J. P. Morgan", is written over the typed name "Secretary". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Secretary.

Woolworth Building

April 30, 1914



J. P. Morgan, Esq.,
15 Broad Street,
New York, N. Y.

Dear Mr. Morgan:

Although I am temporarily at a disadvantage, I hope that I have lost none of your sympathy. Many men of business who have achieved greatness have found themselves in similar situations. I am working hard and persistently and am confident that everything will come out well in the end and that I shall be rewarded for my labors.

Unfortunately, I have not as yet reached tangible results and will be grateful if you will kindly extend my obligation maturing tomorrow for another three months and also give me the privilege of paying the interest later when some of my returns will be due.

Assuring you that I have deeply appreciated your generosity and that I am devoting my very best efforts to prove myself worthy of the faith your father and yourself have placed in me, I remain, as ever

Yours with respectful regard,

J. P. MORGAN & CO.
Wall St. corner Broad.
New York.
DIREXEL & CO.
Philadelphia.
MILMAN, GREENFELL & CO.
London.
MORLAN, HALLER & CO.
Paris.

New York, June 25th, 1914.



Nikola Tesla, Esq.,

202 Metropolitan Tower,

23rd St. & Madison Ave., New York, N.Y.

Dear Sir:-

Enclosed find memo. of interest to June 30th, 1914, on
your loan, amounting to \$541.67, for which please send us your
check.

Yours very truly,

J. P. Morgan

Enclosure



1136 Woodworth Building
Jul 13, 1914

Telephone "Barclay 6472"

Dear Mr. Morgan:

Pardon me for trespassing on your valuable time, but the following statement is necessary not only to you as well as to myself.

As you will kindly remember, I undertook thirteen years ago to transmit wireless telephonic messages around the world. While the experts then considered this an impossible feat it was simple of accomplishment and the direct consequence of discoveries I made with my experimental plant in Colorado. But the man who promised assistance deserted me and deprived me of triumphs and successes which were within easy reach. You are a strong man and may, perhaps, not realize what I have gone through. Certain it is that I would have succumbed to the pain had I not found force in contempt. However, all is not lost yet and even if I should never be able to carry out what I have undertaken, I still can acquit myself of your father's generous loan provided that certain steps, which involve the expenditure of a comparatively small amount of money, are promptly taken. I am asking for nothing, Mr. Morgan, I merely state a fact. The development of my wireless system has cost me half a million dollars but this alone would not have prompted me to write you at this moment.

As regards the turbine proposition which I brought to your personal attention, it can be summed up in a few words. Four years ago I owned 70% and another party 30% on which I secured an option for \$200,000. Of this I managed to pay \$60,000. I then sold an interest to secure capital for further development in the sum of about \$150,000 which can be converted into a share of 18% in a new company I have intended to organize, after paying the remainder of the option. When I approached you last year my idea was to develop the business to a point at which it would deserve your attention and then submit the proposition to you on your own terms. I is impossible for me to explain everything at length but I have started commercial work along several lines and while I can advance only slowly, being as I am hampered for want of money, I am perfectly confident that I shall win out ultimately and adjust my business with you to your entire satisfaction.

Believe me as ever,

Most faithfully yours,

J. P. Morgan, Esq.,
15 Broad Street,
City.

COPY

New York, N. Y., November 23, 1914



Dear Mr. Morgan:

I have been ill since some time but that has not bothered me nearly as much as worry about my business.

In the first place, I have not yet reached a conclusion which would enable me to submit to you a definite and satisfactory proposition in regard to my turbine inventions. Agreements were drawn, by the terms of which four hundred thousand dollars (\$400,000.) in cash and forty thousand dollars (\$40,000.) minimum yearly royalties were to be paid for my British and French rights, but they were put off on account of conditions which suddenly developed and all other undertakings which I started in Europe, with the best prospects, have come to a halt for the same reasons. All this puts me to the necessity of asking you to kindly extend once more my note. I am unable to even pay the interest as I have had to use every dollar for pressing payments in connection with patent and other matters.

As to the wireless situation, it has now reached the stage when I must begin my action against the infringers as otherwise my rights will be imperilled. Some time ago I called and explained the main points to your Mr. Sullivan. My victory is perfectly certain if the necessary steps are made. All independent electricians, including the leading experts of the Government, admit now that my patents are controlling and a precedence in my favor has already been established by a decision of the highest Court in France.

You know, Mr. Morgan, that wireless transmission is considered the greatest of all inventions and that it has been evolved by me, not only in its fundamental principles but also in the most important details. Can you put yourself for a moment in my place? Surely, you are too big a man to permit such an outrage and historical crime to be perpetrated, as is now being done by cunning promoters. If I can meet the indispensable expenses for a little while, I shall certainly compel a settlement which will make your father's and my own investment in this invention highly profitable. I expect, also, to receive satisfaction from the United States Government (which has so far installed about \$5,000,000. worth of my apparatus) and an acknowledgment through the Congress. My case is being prepared but I cannot stir further without money and, if I am not helped, all my prospects will be jeopardized.

I have solved, in a simple and most practical manner, the problem of harnessing the waste heat in the manufacture of steel and iron and can positively prove that \$50,000,000. can be turned to

-2-



profit annually from this source in the United States but lack of funds prevents me from going ahead.

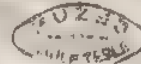
Hoping to hear from you favorably, I remain, with respectful regard, as ever

Yours faithfully,

J. P. Morgan, Esq.,
25 Wall Street,
City

23 Wall Street,
New York.

November 25, 1914.



Mr. Nikola Tesla,
Woolworth Building,
233, Broadway,
New York.

Dear Sir: -

I am in receipt of your letter of November 23rd,
contents of which I have noted.

I shall, of course, expect that you will make every
effort to pay the interest on your loan as soon as pos-
sible.

I am willing that the period of the present loan
should be extended, but am not prepared to comply with
your suggestion that a further loan be made to you.

Yours very truly,

H. P. Lovecraft

The Waldorf-Astoria
New York.

Nov. 26. 1914.



Dear Mr. Rogers —

The letter I have just received
from you thanks for it very much —
I understand the situation
on the protection of the interest you
fully place with me. I know I
shall and shall appreciate any
thousand of dollars to them and, often
of great importance and I thought
let you know how I feel and
how to help a little in this
cause. I am unable to
leave the business myself. We

have the property and are absolutely
sure of making the most profitable
~~and~~ profitable use of it. Then
they are in a position to
sell a great deal of money at
once ~~but~~ but for some
time they are to be satisfied
of buying by accumulating better than
selling by accumulating cash.

As far as the business is concerned
I don't see any objection to the
idea of borrowing money but the interest
you pay is a disadvantage. I don't see
that the interest you pay
is a disadvantage. The interest
you will take is defined.

There is just property, & it is
what will yield enormous returns.

I take care of, but which
will be made within the
of a few days. There are
considerable times when
keeping longer than the
can say to me.

Yours most faithfully



N. Perkin.

J. P. Morgan & Co.

P.O. Box 3038.

New York December 7th - 1914.



Nikola Tesla, Esq.,

1 Madison Avenue,

New York, N. Y.

Dear Sir:

We beg to acknowledge receipt of your letter of the 4th instant, with your kind expression of sympathy at the death of our partner, Mr. Temple Bowdoin, which we greatly appreciate.

Yours very truly,



New York Jan - 2 1914.



Dear Mr. Morgan,

At the suggestion of your secretary, to whom I had a brief conference, I lay to rest the following statement for your kind consideration.

When I introduced your father to my project, the business in hand he looked on with my unbounded admiration for him, and he was off to complete that I had ordered, and in a few weeks and undertook to secure, and I was not at all of the support of such a man. It was the undertaking of a man of the capital of transcribing the human voice and likeness to any distance, without fail. I had thoroughly demonstrated my purpose, and, indeed, respect patent protection and, moreover, I had myself together that the undertaking would yield a net profit of not less than thirty-five thousand dollars a year.

On another occasion I have told you how I was devoted by the very men who had made matters in the industrial revolution, and of some of my earlier work. For a number of years, alone and unaided, I had to defray the costs of all kinds of experiments, patent workings, fees and legal services, and expensive showings, and carry on interference suits, until my pocket was completely empty, and my credit established in every quarter. Furthermore, I was obliged to have my conduct of business above reproach, that I devoted myself to the interest of my associates without salary and paid all office expenses. They have repaid a good deal of money, but I am convinced that I could not have -

I have been very much set back by illness, and
many more things, and I am not comfortable
about the future of the project. I have been
very much interested in the project of the
past few years and I have been very much
interested in the project of the past few years.

I have been very much interested in the project of the past few years and I have been very much interested in the project of the past few years.

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I have been very much interested in the project of the past few years and I have been very much interested in the project of the past few years.

J. P. MORGAN & CO.
Wall St corner Broad.
New York.
DIXON & CO.
Philadelphia.
MORGAN, GRENPELL & CO.
London.
MORGAN, HARJEH & CO.
Paris.

New York: December 23rd, 1914.



Nikola Tesla, Esq.,

202 Metropolitan Tower,

23rd St. & Madison Ave., New York, N.Y.

Dear Sir:-

Enclosed find memo. of interest to December 31st, 1914, on your note, amounting to \$1,308.33. Kindly hand us your check on or before that date, when we close our books for the year.

Yours very truly,

Enclosure

The Waldorf-Astoria
New York.

Dec. 27. 1914.

My dear Mr. Ingers,



If you will give me a short
hearing I shall submit to you a
proposition that will place my business
with your father and yourself on a
sound basis and enable me to
achieve the ^{desired} ~~success~~ I have been so
long striving for.

I have developed property worth
many millions of dollars, but it is shipped
out of my hands and will be lost if you
do not intervene as I deem necessary.
With respectful regards to Mrs. Ingers
I am very sincerely,
Yours truly,
[Signature]

The Waldorf-Astoria
New York.

Jan 7. 1915.

Dear Mr. May -



I feel that

To day is my Christmas and
I do not convince you now I never

When I brought out my ^{system} ~~system~~
~~of power transmission~~ ~~new system~~ ~~regulation~~

applied it and for a few years I
was nowhere. The old shipping market

including ~~young Lady Darnley~~ ~~to be~~

~~discovery~~ tells how it all ended. Every
infringer without exception had to pay up.

My position is the weaker in
much stronger because it is not like
my power system a simple discovery, as



invention but an art which is based for
on the application of a number of So
fundamental principles and methods that
~~can~~ and protected by ^{me} a patent The
that arose from electrical devices show
just around referring to my talent with
patent and kindly remember that I fear
I am no great agent like other large
~~electrical~~ celebrities but on those needs
country, ~~the~~ an army of cunning and for
people engaged against me money
and

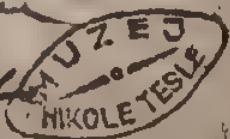
I have received blue prints of apparatus
designed by my business ^{Mr. Doremus} under my
patents which has been installed on
the biggest workrooms and according to
the report of Secretary Daniels
dated Aug. 20. 1914 is "superior"
X This is
discovered
unlike the

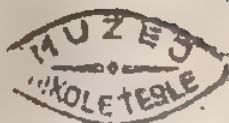
1:600 for any other radio apparatus,"
of So much to that by ~~business~~
made a considerable higher price
at being paid for it.

The above is stated as
where other what I have developed
with you patent application as a property
that I find value, which was being
other large returns to us and about my
about to be put through methodically
and protected for a short while.
Money will be sufficient for this
and I assure you by word that
you will receive the slightest doubt.

What I propose is to organize the
"Tele World Wireless Company" which will
be bonded for the amount you determine
and without me. Should I stock, one
of that
X This system is based on the use of carbon waves
discovered by me which are effective at any distance
unlike those now in use, however great.

be turned over to you, ^{father's} ~~whole~~ according
to my original understanding with
~~the father~~ ^{my father}. To meet the initial outlays
of patent and working expenses and some paper
probably to the property, a sum of \$10,000
will be sufficient for the company will have
a sum revenue of \$5000 from their own
business and will in all probability
be ~~able to~~ ^{possessing the necessary income} ~~cover~~ ^{the} other expenses. But
by far the most important ~~business~~ ^{company}
will be to control all ~~inventions~~ ^{inventions}
by ~~registering~~ ^{registering} and also to get a ~~good~~
~~and~~ ^{first} compensation from the government.
I feel ~~absolutely~~ ^{sure} that if you
will ~~carry out~~ ^{carry out} the underlining ~~company~~
to the extent it will be in
many months before you ~~will~~
~~experience~~ ^{will} ~~surprised~~ ^{surprised} ~~with~~ ^{with} the results.
Now as regards your ~~inventions~~





The Waldorf-Astoria
New York.

in my business, and allowing that
it is safe as a government bond.
I have shown you the opinion of
several of leading capitalists, and the
opinion that they ~~show~~ ~~have~~ ~~are~~
~~the~~ ~~direction~~ of revolutionizing
business. Principles business of
this is well ~~known~~ ~~known~~ ~~known~~ before
the ~~advent~~ ~~advent~~ ~~advent~~ the opposition
of ~~old~~ ~~investors~~ ~~has~~ the success
will be all the greater. I am
making hard to ~~listen~~ ~~the~~ ~~commercial~~ ~~success~~
~~adoption~~ but in the mention you know, of
course, that all my personal interest
in ~~this~~ ~~matter~~ is pledged to

Wrote to you

and will

You for your services for
~~the year 1880~~ 1880 dollars.

I earnestly hope that you will
find the sum I send as ample
for the year 1880. I have no doubt
that you will find it so. I have no doubt
that you will find it so. I have no doubt
that you will find it so.

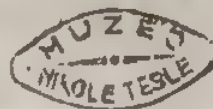
Yours most faithfully

Wm. L. G. L.

Wm. L. G. L.

23 WALL STREET
NEW YORK

January 8, 1915.



Dear Mr. Tesla:

I am very sorry, but it is impossible for me to put any further money into inventions, and I am afraid, therefore, that you will have to work out the one you refer to without any further assistance from me.

Yours very truly,

A handwritten signature in dark ink, appearing to read "J. P. Morgan".

Mr. Nikola Tesla,
Waldorf-Astoria Hotel,
New York.

W. M. Abbott & Co.
New York.

Jan. 14. 1885.

Dear Dr. May,



I have received your letter of the 8th.
and I am full on it & certainly have
reflected on it. But at the same time I
am glad to receive the assurance that
my criticism, though possibly displeasing,
has not created a prejudicial opinion in your
mind.

The clipping from the Electrical Review
has been forwarded you that I asked your
support for introducing new. Such is now
the case, I wanted only to be in the
position to get a few friends for our
cause & I am sure that the attention
of the public is now directed to the subject.

unitedly and jointly
sincerely

for non payment of taxes I shall
continue to make money as I have done
before but that part will at the same
the rights are gone. If we own
which means that others are exploiting
I am prepared to stand our right. Some
that if I could incorporate a law
passing as I proposed to you this would
stop it once. I believe in fact that
that are one of the violators would not be
even dare to fight. They would come
to learn that around they would not
I have an organization located there
which the government is preparing to
down at

Just to give
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I just to give an example, I have to
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if not have valuable patents will be
lost. For then I have already had a proposal
of 400,000.00 a cent and more than this is together.

to a stop for want of funds
appealed to your father & the result was
as you know. But finally he decided
to let me undertake the work of the
right. I have begged to the General Electric Co.

I am not begging for anything
to begin but simply wish to
show that this can do for you in the
new light.



Regrettably very much the same circumstances
compelling me to show the situation to a
degree painful to a man of the reputation
and standing you now occupy for the
world and European business. I remain as ever
faithfully yours

The Wall Street Journal
New York.

Feb. 19. 1911



Dear Mr. Morgan

The German experts Prof. Brown
(recipient of the Nobel prize) and Prof. Lammach
(leading authority on wireless) have been
in the country some time investigating
the conditions of the wireless industry
and by products are contributing to the foundation
of a wireless system. The German
offered to pay a percentage on the power generated
by the system. The system is now
being agreed upon and I am expecting
to see the end of the matter at any time.
I am feeling by my own ability with the
of the wireless to communicate to Berlin. I am
hoping to see the wireless from the
source. With the very
best regards to your family.

My copies will be private, at least unless
it shall be as good as sold certificates. it was on

write to Lord North
and write

This strengthens my position greatly
but, at the same time, to be perfectly
sure it would be necessary to do as
my Attorney's advice. I have had a
conference with ~~the~~ ^{them} yesterday and
the ~~London~~ ^{London} ~~Attorney~~ ^{Attorney} which I ^{have just} received
~~this morning~~ is sufficiently explicit in
itself.

We have already drawn papers
and as I can observe that the
Company ~~undoubtedly~~ ^{undoubtedly} ~~will~~ ^{will} be
~~perfectly~~ ^{perfectly} ~~safe~~ ^{safe} and I shall be in the
power of commanding terms with the
importers. The American people
have appeared in ~~several~~ ^{several} ~~instances~~ ^{instances} ~~in~~ ⁱⁿ
proposals to form ~~independently~~ ^{independently} ~~their~~ ^{their}

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it was on a basis of stock which is offered to the public and
accepted for that reason & I am
sure that all the arguments would be
settled without a fight for they please
perfectly well that they demand nothing
beyond their own rights, my father
will be satisfied with that.

As you see Mr. Morgan this new Com-
pany will have ~~perfectly~~ good assets & the
regulation already secured and will be
fully capable of discharging the obligations
of \$4,000,000 and is in almost a com-
plete state of readiness within the next
few weeks. ~~and~~ be ~~perfectly~~ ~~able~~ ~~to~~ ~~do~~
which would be to ~~the~~ my business with
you. I follow ~~as~~ a measure very
advisable to you & to myself. ~~That~~
It would be useless for me to
enter into any argument, however
as I do as the attorney at law.

[Faint handwritten notes, possibly bleed-through from the reverse side.]

N. Pers.

The Waldorf-Astoria
New York.

March 17, 1915

Dear Mr. Meyer



I have just learned that you
are ^{to} ~~going~~ ^{leaving} for a short time to
visit your happy voyage

It looks as though there
will be very favorable developments
in my business in the near future
and I hope to have tangible
results when you return.

Believe me a sincere yours ever

J. A. Meyer Esq.
55 Philadelphia

Waldorf

COPY

New York, June 11, 1915



Dear Mr. Morgan:

I would have written before had I not been afraid to 'praise the day before the evening', but there seems to be no doubt now that you are out of danger and I hasten to congratulate you on your miraculous escape which was due to Mrs. Morgan's presence of mind and your energetic action.

I was, myself, exposed to attacks of cranks a number of times. The last case was that of a certain Mrs. Tierstein who wanted to shoot me for throwing electricity at her. I disdained to complain but finally she was caught and Judge Foster sent her to the asylum. I pity the poor woman. These deluded wretches are not responsible, the true cause of it all is the incessant agitation in the papers. I hope that you will do something towards stopping it.

I have taken the liberty of forwarding under separate cover a little article I wrote, thinking that it might interest you in your present enforced inactivity. I touch in it about as lightly as was possible on some of my work. My 'ship' has not yet come in but it is on the way. Submarines worse than those of the Germans are lurking all around but, perhaps, they will miss it. Please note the statement in regard to the Steel Industry. I have carefully studied the proposition and am convinced that the figures are conservative. The problem is solved but how to make people listen is still a great difficulty.

Believe me, with respectful regard and best wishes,

Yours faithfully,

J. P. Morgan, Esq.,
69 West 88th St.,
New York City

J. P. MORGAN & CO.

NEW YORK

June 28th 1915.

Nikola Tesla Esq.



Dear Sir :

Please send us check for \$ 2041.67 in payment of interest to June 30th 1915 on your Time Loan, as per statement below, and oblige.

Yours truly,

J. P. MORGAN & CO.

| FROM | AMOUNT OF LOAN | DAYS | INTEREST |
|--------------|----------------|------|------------|
| Feb. 20 1914 | \$ 25.000 | 6 | \$ 2041.67 |

Interest payable at the end of March, June, September and December.

STATION, GLENCOVE.
TELEPHONE, 104 GLENCOVE.

MATINIBOOK POINT,
GLENCOVE, L.I.

July 13th, 1901.



Dear Mr. Tesla:

I thank you very much for your letter,
and certainly hope that your "ship" may be soon
loaded with the most substantial of profits. I
read your article with great interest.

Yours very truly,

J. H. Thompson

Mr. Tesla, Esq.,

Woolworth Building,

New York City.

(COPY)

November 26, 1916.



Dear Mr. Morgan:

I am writing on the first sheet of our stationery to congratulate you on your speedy recovery which is an evidence of your reserve powers. May you be spared all further suffering.

On this occasion I take liberty to ask you as a great favor for a photograph of your father. Lord Kelvin, who had a deep affection for me, gave me one of his and I want these two portraits to inspire me, one in business, the other in science.

I am doing my work at present with surprising ease and am determined to take advantage of my second wind in overcoming the obstacles which have confronted me since years.

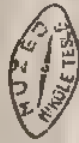
With expressions of high regard, believe me as ever,

Yours most faithfully,

J. P. Morgan, Esq.,
71 West 88th Street,
City

23 WALL STREET
NEW YORK

NOV 29 1915.



Dear Mr. Tesla:

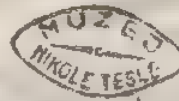
By direction of Mr. J. P.
Morgan, I am sending you herewith a
photograph of the late Mr. Pierpont
Morgan, as requested in your letter
of the 26th instant.

Yours very truly,

John A. Morgan, Secy.
c/o J. P. Morgan & Co.
23 Wall Street,
New York.

23 WALL STREET
NEW YORK

November 29, 1915.



Dear Mr. Tesla:

By direction of Mr. J. P.
Morgan, I am sending you herewith a
photograph of the late Mr. Pierpont
Morgan, as requested in your letter
of the 26th instant.

Yours very truly,

A handwritten signature in dark ink, appearing to read "J. P. Morgan". The signature is written in a cursive style and is positioned above a horizontal line.

Nikola Tesla, Esq.,
8, West 44th Street,
New York.

October 29, 1915.



of Mr. J. P.

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Secretary

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186 55W

Address, 2nd - Archibald Ramsay - 1927
Nik (1915) (1915)

COPY.

New York, November 29, 1915.



My dear Mr. Morgan:

I feel deeply grateful for the splendid photograph of your father. It will remind me with pride of my relations with him and the thought of his greatness, the magnanimity and firmness of his character will always be for me a source of inspiration and courage.

Under inclosure please find two editorials just received which are interesting inasmuch as these papers were against me.

With assurances of high regard and sincere wishes for your health and welfare, believe me

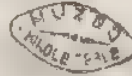
Yours most faithfully,

J. P. Morgan, Esq.,
23 Wall Street,
New York City, N.Y.

* N. Y. World Nov. 13, 1915
N. Y. Tribune Dec. 1915

COPY

New York, N.Y., December 4, 1915



Gentlemen:

Please accept the expression of my sincere regret on the great loss you have sustained in the death of your Mr. Bowdoin.

I hope for the continued wellbeing and success of all the members of your firm.

Very truly yours,

Messrs J. P. Morgan & Co.,
23 Wall Street,
City

140111720822)

December 30, 1916

Messrs J. P. Morgan & Co.,
25 Wall Street,
City

Gentlemen:

I am mindful of the fact that accumulated interest on my note for \$25,000. is now due and that you will probably expect my check for the amount at the close of the year. For the time being I am still unable to meet this obligation, but I am making good headway in the development of my business and feel certain that the matter will be adjusted to your entire satisfaction in the very near future.

Wishing you a most happy and prosperous New Year, I beg to remain,

Very truly yours,

COPY

December 30, 1935



Dear Mr. Morgan:

Please accept my best wishes for a happy and successful New Year.

Your task is both the most important and hazardous of the time. I hope sincerely that in keeping your eyes to the stars you may not stumble over pebbles.

With expressions of high regard,

Yours most faithfully,

J. P. Morgan, Esq.,
23 Wall Street,
City.

PUZES
MAY 1936

Dear Mr. Morgan:

[illegible]

Inclosure.

(+01812052)

January 16, 1916.

J. P. Morgan, Esq.,
23 Wall Street,
New York City, New York.



Dear Mr. Morgan,

A short while ago I read a statement from you in regard to some aspects of the war. This prompts me to send you the inclosed as of possible interest to you in connection with the subject.

Yours faithfully,

Inclosure.

Personal

New York, June 13, 1917



Dear Mr. Morgan:

Had it not been for fear of trespassing on your most valuable time I would have written long ago to tell you how much I have rejoiced in your wonderful success. The gigantic performance of your father and the fame of your firm have been helpful but you could not have achieved what you did had you not combined genius and courage to a rare degree. I hope from all my heart for your health and preservation in the face of the perils to which you are exposed.

On this occasion I would beg you to convey to all of your family my respectful and sincere congratulations and good wishes upon the coming marriage of your daughter. May you be as happy at home as you are prosperous in affairs!

I have made gratifying progress in the development of my own little undertakings and in about four months the assured income will be sufficient to take care of my obligation to you. My big ship is still to come in, but I have now a marvellous opportunity having perfected an invention which will astound the whole world. From the engineering point of view it will be a greater accomplishment than the wireless and the results of which I am absolutely certain, will be of incalculable value in many ways. I also believe that this advance will afford an effective means for meeting the menace of the submarine.

I am hopeful that I shall soon be enabled to put my plans in tangible form, when I could readily secure any capital desired for the exploitation of my wireless system which is a century ahead of the art of the present day. You may see from the enclosed excerpts that there is no longer a doubt among engineers as to who is the originator of the principles.

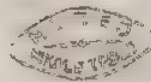
As ever,

Yours faithfully,

(Signed) N. Tesla

Personal

JUNE 21 1917



J.P. Morgan & Company,
23 Wall Street,
New York City, N.Y.

Gentlemen:

It is proper to congratulate you on the
success of the "Liberty Loan." Your subscription was
great and inspiring. It turned the tide.

Yours very truly,

83 WALL STREET
NEW YORK

June 20, 1917.



Dear Mr. Tesla:

Mr. Morgan directs me
to acknowledge receipt of your letter
of the 13th instant, and to say that
he hopes that your expectations will
very soon be realized.

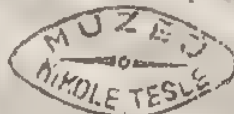
Yours very truly,

A handwritten signature in dark ink, appearing to read "J. P. Morgan". The signature is written over a horizontal line.

Mr. Nikola Tesla,
8, West 40th Street,
New York.

The Waldorf-Astoria
New York.

Rev. Dr. Lutz — Sept. 18, 1907



I am glad to hear from you
and hope you are well.
I have been thinking of writing
to you for some time but have
been so busy that I could not find
time. I am now at home and
am feeling better than I have
for some time.

Ty have had the privilege of examining
during his term of office
every thing of the nature of the work done
by him. This is
the most complete & careful
examination of the whole matter
ever made.

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[Faint handwritten notes or bleed-through from the reverse side of the page.]

If the price is 200
 I will pay one day and the boys
and the father and the mother

~~There is one number~~
~~less for a set of about~~

~~On the 1st of the 11th~~ 1850. My
 father for the 11th 1850. Tom

[Handwritten signature]

Chenopodium album L.

Th' same place again de
to Paris and elsewhere.

John Buller

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NOV 20 1890

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June 3, 1924

J. P. Morgan, Esq.,
25 Wall Street,
City.

Dear Mr. Morgan:

I am often thinking of your father and yourself, gratefully remembering the splendid treatment I have received and my resolve is growing stronger every day to prove myself worthy of the confidence placed in me. My chances are excellent for I have made a number of very valuable inventions and, as regards the wireless, I believe that I am farther ahead of the art now than I was twenty years ago.

As you may see from the enclosed clippings, I have discovered a new mechanical principle enabling the production of speedometers of ideal simplicity, great accuracy, and extremely cheap construction which are proving a complete commercial success. We made an agreement some time ago with the Waltham Watch Company for the use of this invention on automobiles, trucks and other vehicles and the business is now firmly established and expanding rapidly. They have no difficulty in selling all they can manufacture and are enlarging their facilities so as to turn out these instruments in big numbers. There is not the slightest doubt that



J. P. Morgan, Esq.

-2-

as soon as this is done all other speedometers, of which from two to three million are produced annually, will have to be abandoned and mine generally adopted. In such case our income from this source might well amount to \$300,000. or more a year. Of course, just for the present, owing to limited equipment and business depression, the monthly production of the Waltham Watch Company is just now three to four thousand and our returns are temporarily small.

We still own the exclusive right to manufacture and sell the invention in the United States for all other purposes except indication of tricycle and motor vehicles and we are in an exceptionally fine position to start at once a business which will be highly remunerative. It would not involve the least financial risk because the commercial success has already been achieved and my patent, which is of the most fundamental kind, has been sustained in court and can not be upset, this insuring monopoly for thirteen years.

We have a number of very good prospects here and in foreign countries where we are now represented by a well-known business man of great ability, but there is no asset immediately available for raising the capital required except this Waltham agreement and before proceeding further we would respectfully submit to you the following proposition.

We have made a careful estimate with our Manager of the outlays to be incurred and would require \$25,000. for launching this new business. There is due to you the sum of approximately \$40,000., this being the \$25,000. originally loaned with interest at 6 percent so that if you were disposed to furnish this working capital, our whole indebtedness to you would amount to \$75,000., as security for which we would assign to you our agreement with the Waltham Watch Company and, furthermore, pledge you the new enterprise. Inasmuch as I had an understanding with your father that he was to have one-third interest in my wireless undertaking, I assume that it would most nearly meet your wishes if we stipulate that after your loan of \$75,000. with interest has been paid in full, you would continue to receive one-third of the proceeds from the Waltham contract and our new business.



(Folder 2052)

J. P. Morgan, Esq.

-5-

As there are a number of things to be said in this connection I would deeply appreciate the favor of a short personal interview at your convenience which would give me an opportunity of elucidating matters.

With expressions of high regard, believe me

Yours most faithfully,



3 Enclosures

From B. A. Behrend's "The Evolution of the Induction Motor:

"Not since the appearance of M. Faraday's "Experimental Researches in Electricity" has a great experimental truth been voiced so simply and so clearly as this description of Mr. Tesla's great discovery of the generation and utilization of poly-phase alternating currents. He left nothing to be done by those who followed him. His paper contained the skeleton even of the mathematical theory."



"Were we to seize and to eliminate from our industrial world the results of Mr. Tesla's work, the wheels of industry would cease to turn, our electric cars and trains would stop, our towns would be dark, our mills would be dead and idle. So far reaching is this work, that it has become the warp and woof of industry."

Hotel St. Regis
New York

May 9. 1922.

J. O. Morgan & Co New York
Gentlemen,

Permit me to express my heartfelt sympathy on the premature death of you Mr. Dawson who has rendered such great service to the world and added to the fame of your firm.

If J. O. Morgan & Co. would have been so generously satisfied to see his judgment in regard to the premium and discount paid for the same is absolutely confirmed.

Admission into the Prime on weight in the many forms, but R. Dawson's signature is a guarantee of the Red Cross in its own interest. The Red Cross is a long benefactor of the people of humanity.

Yours very respectfully

Viktor Pers

J.P. MORGAN & CO.
Wall St corner Broad,
New York.

DREXEL & CO.
Philadelphia.

MORGAN, GRENVELL & CO.
London.

MORGAN, HARJEN & CO.
Paris.

New York, May 11th, 1922.

Nikola Tesla, Esq.,
8 West 40th Street,
New York City.

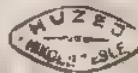
Dear Sir:

We are deeply touched by your message of
sympathy in the irreparable loss we have suffered in
the death of our Mr. Henry P. Davison.

With sincere thanks, we remain,

Yours very truly.

J. P. Morgan & Co



23 Wall Street
New York

July 17, 1930

Dear Mr. Tesla:



I received your letter of July 16th.
I mentioned it to Mr. Morley but he does not feel
that he can take it up.

With all good wishes, I am

Sincerely yours

W. L. Langford

N. Tesla, Esq.
Hotel Pennsylvania
Seventh Avenue and 33rd Street
New York City

November 29, 1934

J.P. Morgan, Esq.

The flying machine has completely demoralized the world, so much so that in some cities, as London and Paris, people are in mortal fear from aerial bombing. The new means I have invented affords absolute protection against this and other forms of attack...

These new discoveries which I have carried out experimentally on a limited scale, created a profound impression. One of the most pressing problems seems to be the protection of London and I am writing to some influential friends in England, hoping that my plans will be accepted without delay. The Russians are very anxious to render their borders safe against the Japanese invasion and I have made them a proposal which is being seriously considered.

Hotel New York

November 29, 1934

J P Morgan Esq
23 Wall Street
New York

Dear Mr Morgan:



I have made discoveries of inestimable value which are referred in the marked passage of the flying machine. Their practical applications should yield an immense fortune.

The flying machine has completely demonstrated the world, so much that in some cities, as London and Paris, people are in mortal fear from aerial bombing. The new machine now perfected affords absolute protection against this and other forms of attack.

You know how your father assisted me in the development of my wireless system. He did not get any returns but I am convinced that if he were living he would be gratified by the knowledge that my inventions are universally applied. I still gratefully remember your own support during the war despite of the success I had achieved. I not only lost everything in those two unfortunate years but was years compelled to pay off all sort of unfair claims. It was only a little while ago that I managed to settle the last one and terminate the tormenting nightmare.

These new discoveries, which I have carried out experimentally

Yours

219

on a limited scale, have created a profound impression. One of the most pressing problems, seems to be the Japanese problem, and I am writing to some influential friends in England hoping that my plan will be adopted without delay. The Powers are very anxious to render their borders safe against Japanese invasion and I have made this a proposal which is being seriously considered. I have many admirers there especially on account of the introduction of my alternative system to an actual experiment. Some years ago several made me twice the succession very tempting offers to come to Korea but I could not tear myself from my laboratory work.

Words cannot express how much I am aching for the same position which I then had at my disposal and for the opportunity of signing my account with your father's estate and yourself. I am no longer a dreamer but a practical man of great experience gained in long and bitter fight. I had now twenty five thousand dollars to secure my property and make convincing demonstrations I could acquire in a short time unless I could not. You be willing to advance me this sum if I pledge to you these conditions?

Mr. Morgan you are still able to help an undying cause but how long will you be in this privileged position? We are in the clutches of a political party which extorts openly and brazenly to the mob and billions that by pouring out billions of public money, still unexpended, it can remain in power indefinitely. The democratic principles are forsaken and individual liberty and incentive are made a joke. The "New Deal" is a perpetual motion scheme which can never work but is given a new lease of life by unceasing supply of the people's capital. Most of the measures adopted are a bid for votes and some are destructive to established industries and decidedly sacrilegious. The next step might be the "distribution" of wealth by excessive taxing of non-consumption.

With best wishes and respectful regards believe me to remain

Yours most respectfully

W. T. C.

ON

Library of Congress - John Pierpont Morgan
Box 5
1010
1907-1934
Nikola Tesla Correspondence

1820 22)

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24 " 25

60 " 58

59 " 62

4-7 " 121

57 " ?

365 " 385

382 " 103

184 " 124

WEST. CLEC. CO.

STAR

NIKOLA TESLA MUSEUM
BEOGRAD-YUGOSLAVIA

MARK TWAIN
GEORGE WESTINGHOUSE

1890-1891

8.10.8

CORRESPONDENCE

TESLA - WESTINGHOUSE GEORGE

CORRESPONDENCE

TESLA - CLEMENS SAMUEL / MARK TWAIN /

SHMUEL CLEMENS
MARK TWAIN
WESTINGHOUSE

WESTINGHOUSE - A CENTENNIAL: 1886-1986

CHARLES A. RUCH, CONSULTANT/HISTORIAN

As we look forward to the centennial of the Westinghouse Electric Corporation, we come face to face with some clear realities.

For openers, we doubt if the average person cares very much whether we are 100 years old or not. We hope, of course, that those close to the Company — our employes and stockholders, and possibly some customers — will feel a measure of pride that we have reached the century mark.

True, there aren't many companies that have made it this far, and fewer still have the same name as when they began. At the same time, we are realistic enough to suspect that relatively few of our employes or stockholders or customers are aware that our centennial is just over the horizon, in 1986.

A plausible reason for this is the fact that over the years Westinghouse has been rather reticent about its history. George Westinghouse himself was of that persuasion. He prided himself on keeping no personal records. Original letters signed by George Westinghouse are more scarce than those signed by George Washington.

George Westinghouse hated to have his picture taken. His most notable portrait was a time exposure taken secretly through the door of a nearby washroom as he sat looking over some drawings at his favorite desk in the drafting room. Fortunately this scheme — planned days in advance — worked to perfection. If you saw the original negative, there would be a man at the side of the desk, off to the right, and some files in the background. A skillful retoucher made them disappear, like a David Copperfield illusion.

MARK TWAIN

CONFIDENTIAL

C-100, 12



MARK TWAIN

SHIRAZ

8 x 8

SAMUEL L. MARK TWAIN



F. T. KEITH, MINNAPOLIS.

Sept 15. 1897.

Dear Mr. Wessinghouse,

I called at your office this morning and was disappointed to learn that you were in session.

One of the objects of my visit was to inform you that Mr. Luchs of the "Helion" Co. of Cologne (who have purchased my motor patent for Germany) will be to-morrow in Pittsburgh. He has been sent here to gather information about Railway systems and electrical motors. I have been consulted about your street railway system and I have very much recommended it to them as I sincerely believe that it is the best. I think that you may initiate an arrangement with "Helion" for the introduction of your railway system in Germany. Of course it would be out of question to get a large sum, as there are no foundation patents, but

Evening Post
Sept 16
Sent to Mr. Luchs
for information
about the
system
from the
Post

Please do not fail to inform me as to all the
my conviction is that a motor without the other and commutator is the
my form which is capable of permanent success. To introduce
of course, a new article of time and money.
I am sure you would be ready to make a small
arrangement and pay a moderate royalty. I have
done what I could to facilitate, as far as possible,
and they will approach to you with the best of
We have ~~decided~~ ^{been} ~~in~~ ^{been} ~~buying~~ ^{been} about an agree-
ment for the introduction of my motor in the
European continent. The interest of the
heads of these of the most powerful
and they are earnest in their intention to
push the manufacture. The introduction of
the motor in Europe on an extensive scale will,
I am convinced, have a very favourable influence
upon the value of my American patents which
are owned by your Company. It is of common
interest that Mr. Luhn be shown all the
he shown and I would beg you to give upon
receipt of this to Mr. Schmidt to take him
through the shop. Mr. Luhn is a trusted en-
gineer of the Helios Co and there is not the
slightest danger of his abusing of his infor-
mation he receives. I intend myself to go
to Pittsburgh this evening if I can manage to
find time; I must consult Mr. Schmidt about the
speedy carrying out of some improvements on the
motors. It is necessary to bring the motor to high perfection
before the exhibition as this is of prime importance.
I hope that you will ~~be~~ ^{be} ~~kind enough~~ ^{kind enough} to
pay attention to this communication and



ROADWAY
BARCLAY
STREET

Sept. 12 1892

Dear Mr. Waringhouse



I called at your office this morning and was disappointed to learn that you were in London.

One of the objects of my visit was to inform you that Mr. Luther of the 'Helio' Co. of Cologne who have purchased my motor patent for Germany will be to-morrow in Pittsburgh. He has been sent here to gather information about Railway systems and electrical motors. I have been consulted about your electric railway system and I have warmly recommended it to them as I sincerely believe that it is the best.

I wish that you may make an arrangement with 'Helio' for the introduction of your railway system in Germany. Of course it would be one of question to get a license as there are no foreign patents, but

W. T. Keith, Manager
F. T. Keith, Manager
F. T. Keith, Manager

One of the objects of my visit was to inform you that Mr. Luther of the 'Helio' Co. of Cologne who have purchased my motor patent for Germany will be to-morrow in Pittsburgh. He has been sent here to gather information about Railway systems and electrical motors. I have been consulted about your electric railway system and I have warmly recommended it to them as I sincerely believe that it is the best.



F. T. KEITH, MANAGER.



BROADWAY
BARCLAY
STREET
5th

Sept. 12 1892

Dear Mr. Westinghouse,

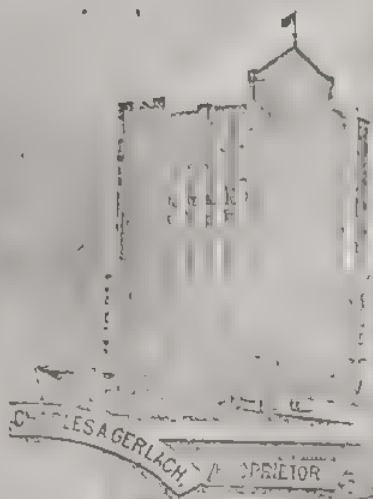


I called at your office this morning and was disappointed to learn that you were so unwell.

One of the objects of my visit was to inform you that Mr. Linder of the 'Helios' Co. of Cologne (who have

one of the objects of my visit was to inform you that Mr. Linder of the 'Helios' Co. of Cologne (who have purchased my motor patent for Germany) will be to-morrow in Pittsburgh. He has been sent here to gather information about Railway systems and electric motors. I have been consulted about your electric railway system and I have warmly recommended it to him as I sincerely believe that it is the best. I think that you may make an arrangement with 'Helios' for the introduction of your system in Germany. Of course it would be out of question to get a large sum, as there are no foreign patents, but

From the 11th of Oct. 1892



MANHATTAN HOTEL

27TH ST. BETWEEN BROADWAY & 6TH AVE.

New York, Septemb. 27 1892

Westinghouse Electric Company

H. W. Sawyer

In order to carry out some improvements on my motor it is necessary for me to have some of your apparatus on hand. H. Schain has informed me at our recent meeting with Mr. Westinghouse in New York that there is a small four pole alternator with two armatures, one for two phase and the other for three phase ^{circuits} ready and to be had. I would want this machine with the two armatures and in addition a small direct current machine of a capacity of 50 lights and also a few of your transformers for conversion to 50

or hundred volts and of a total capacity of ~~about~~ ^{at least} 100 lights. All this apparatus will be returned to you when you check and in such good ^{condition as} ~~shape~~ as reasonable wear will permit.

I have spoken about Ben Muller to Mr. Hestonhouse and hope that he has already referred it to you so that no time is lost in forwarding this ~~apparatus~~ ^{apparatus} to my laboratory that is to Edwin and Torghezen 33 & 35 South Fifth Ave. New York.

I would ~~very~~ ^{very} ~~much~~ ^{much} ~~like~~ ^{like} ~~you~~ ^{you} to write as soon as possible with this respect as ~~the~~ time is very precious.

Yours very truly
W. Tesla

MARK TWAIN

File 8
C. 14, 22

NO 40 11 33 55 WEST 27 10 REPT. 2

Millville, N.J. Dec. 2 1894
Dear Mr. Westinghouse,

I have not been able to under-
stand how Brown & Hovery & Demers
& Halsted can show to transmit power
with my system in this country and
I have written a letter to Mr. Patterson
expressing to him my surprise at this
communication.

I have learned to day that multiphase
apparatus for a large power transmission
is being built in Germany for use
in this country by the Electric & Halsted Co.

I am then expecting the trans-
mission of testing my last improved system
These transformers ^{should} have been built long
ago and I fear there is some
misunderstanding about them.

Very

Very sincerely yours,
W. T.



The Edison Electric Building

27th St. between Broadway & 6th Ave.

27th ST. BETWEEN BROADWAY & 6th AVE.

CHAS. CERLACH, PSICTOR

New York Dec. 23 1892

Dear Mr. Westinghouse,



Mr. J. C. Martin of the Electric Engineer has forwarded to me enclosed letter concerning a transmission of power in P. C. with his consent to use it as a reference. I have thought Mr. Dyer might be able to supply the required apparatus.

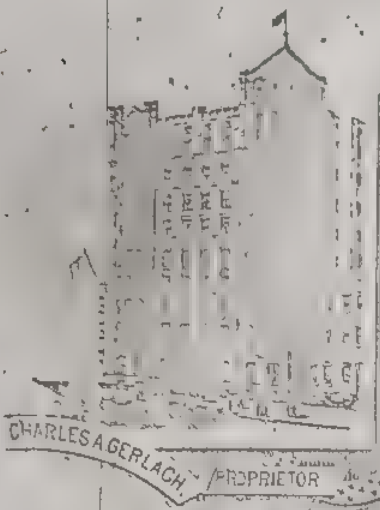
Kindly return letter.

Yours sincerely,

W. T. Edison

MARK TWAIN

Edison



The **Manhattan**

BY FIRE PROOF

SAFETY HOTEL

27TH ST. BETWEEN BROADWAY & 6TH AVE.

CHARLES A. GERLACH

PROPRIETOR

New York Dec. 23, 1892

Dear Mr. Westinghouse,



Mr. J. C. Martin of the Electrical Engineer
has forwarded to me enclosed letter ex-
pressing a transmission of power to S. C.
with Li consent to use it as an
reference. I have thought that you
might be able to supply the required
apparatus. Kindly return ~~enclosed~~ letter.

Yours sincerely

N. Tesla

1871
46, E. Houston St.,

New York City, April 13th, 1895.

Mr. George Westinghouse, Jr.,

New York City.

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396
162-35
RUEZ
NIKOLE TESLA

Dear Mr. Westinghouse:-

Since some time, my friend, Hubert Vos, the great portrait painter has been sojourning in this city. I have very often spoken to him about you, and I feel that he has an idea of your personality such as would enable him to make of you a portrait which would be a very valuable addition to the art. I suppose that, under the pressure of your many engagements, you have not, as yet, found moments of leisure to devote to such a purpose and, thinking that you might feel that it is in a certain measure your duty to do so, I would call your attention to this favorable opportunity.

Very truly yours,

13

399.

46, E. Houston St.,
New York City, June 15th, 1896.

Mr. George Westinghouse, Jr.,
New York City.

187

162-352



Dear Mr. Westinghouse:-

Noting your efforts to warn the public against infringements on my multiphase motor patents, I am prompted by a feeling of friendship to point out to you personally that your advertisements do not bring out clearly the fact that these patents cover not one, but a number of lines of almost equivalent importance in the practical introduction of the system, but rather make it appear to the uninformed that all is dependent upon a single feature. You can readily see that with a few words your statements may be rendered much stronger, and will more exactly express the state of things.

I would on this occasion call your attention to another point. A few years ago, when the advantages of my system were discussed by some experts, I dwelt on the fact that when a great number of motors and lamps and other devices is worked on the multiphase system the efficiency of the system as a whole must be higher than the average efficiency of a single motor. Since you have a large plant now in operation, the truth of my assertion may now be practically tested. If you will measure the steam consumption, you will necessarily find that the results are better than can be obtained with the direct current system, although it is quite possible that a single direct current motor might give a slightly better result than a single alternating motor.

Very truly yours,

MARK TWAIN

Westinghouse Electric & Manufacturing Company.

120 BROADWAY,

NEW YORK, N. Y.,

June 18th, 1896.

N. Tesla, Esq.,

46 East Houston St., City.



Dear Mr. Tesla:-

I have your favor of the 15th inst. which shall receive my best attention. I am obliged to you for writing to me on the subject. We are anxious to give as much prominence as possible to every feature in connection with your inventions.

Truly yours,

Geo. Westinghouse

16

187-399

0
16-35

46, N. Toulon St.,

New York City,

George Westinghouse, Jr.,
New York City.

Dear Mr. Westinghouse:-



I am very glad to learn that your
friendly acquaintance with me in connection with
the electrical railroad development, I have often been
advantages of such a co-operation, and long time ago I had in mind
to speak to you about it. The news of your consolidation has been
an agreeable surprise to me. The splendid energy and
abilities cannot fail to be of interest to both parties concerned.

Yours very truly,

17

Westinghouse Electric & Manufacturing Company,

120 BROADWAY,

NEW YORK, N. Y. August 2th, 1895.

N. Tesla, Esq.,

No. 46 East Houston St.,

N.Y. City.

Dear Mr. Tesla:

I am much obliged to you for your letter of August 7th. It is another indication of the interest you have taken in the Westinghouse Electric and Manufacturing Co. We all think that the business arrangement entered into with the Baldwin people will be productive of good results.

I hope the time is not far distant when you will feel that you can make a visit to our new works at Pittsburgh to observe the operation of your motors in daily practice as well as to get a comprehension of our facilities.

Very truly yours,

W. Westinghouse Jr.
President.

35
46, E. Houston St.,

New York City, August 24th, 1895.

Mr. George Westinghouse,
New York City.

10
187-399

Dear Mr. Westinghouse:-



Professor L. B. Atkinson of the South Wales Institute of Engineers, has written me a letter asking for some data of tests with alternate current motors. I believe that he is prompted by friendly motives and would make fair statements. If you are inclined to have anything published, it would be well to do ^{it} through him. Perhaps you intend to send some motors to England, and in such event their performances will have to be announced.

You will oblige me, if you will remember Professor Atkinson on any future occasion of this kind, but of course I do not wish to influence your decision in any other way.

Yours sincerely,

W
GEO. WESTINGHOUSE, JR.
PITTSBURGH, PA.

August 15th, 1895.

N. Tesla, Esq.,

46 . Houston Street, New York.

Dear Mr. Tesla: I have your favor of the 14th. and will send it to the office at East Pittsburgh so that our people there may deal with the matter according to your wishes.

Very truly yours,

G. Westinghouse

MAILED
MAY 15 1954

MA

I have your favor of the 14th, and will send

Samuel (1845-1891) (1845-1891) (1845-1891)

Very truly yours,

Westinghouse

COPY.

E. D. Adams, Hill's Building, New York.



Comodore Melville has signified the seventeenth as a satisfactory day to leave for Pittsburg. The arrangement is to go from Washington, via Philadelphia, where we will dine at club with T. N. Ely, of Penna. R. R., leaving for Pittsburg, 10:25 P.M., going to Niagara Falls Saturday night. Will this suit you and Mr. Tesla, to whom kindly send copy of this telegram. You and Mr. Tesla would leave New York on 4:30 P.M. train on 17th

Geor. Westinghouse. July 10th, 1896

GEO. WESTINGHOUSE, JR.
PITTSBURGH, PA.

July 10th, 1896.



Nikola Tesla, Esq.,

Care Mr. E. D. Adams, Mills Building, New York.

Dear Mr. Tesla:- Some two or three weeks ago I spoke to Mr. Adams with reference to a proposed visit of Commodore Melville, of the Navy, to our Works at East Pittsburgh, and to Niagara Falls being particularly desirous of having the Navy Department become acquainted with the advantages of the multiphase system for all sorts of operations aboard war vessels. The Commodore was obliged to postpone the trip on account of the letting of contracts for some new war vessels, but he is now ready, and it is proposed to leave Philadelphia on Friday evening the 17th.

Mr. T. N. Ely, the Chief of Motive Power of the Penna. R.R., who will go with us, has invited us to dine with him at the Philadelphia Club Friday evening.

I sent to Mr. Adams a telegram of which I enclose you a copy. You and Mr. Adams could leave New York on the 4:30 P. M. train, and we will meet you at the Broad Street Station.

GEO. WESTINGHOUSE, JR.
PITTSBURGH, PA.

2

Philadelphia, and then join Mr. Ely for dinner.

I am looking forward with much pleasure to this trip,
and trust it is going to be entirely convenient for you to make
it.

Truly yours,

Geo. Westinghouse



Westinghouse Electric & Manufacturing Company.

120 BROADWAY,

NEW YORK, N. Y. June 21st, 1897.

Nikola Tesla, Esq.,

The Gerlach, 27th St & B'way, City.

Dear Dr. Tesla:-

Please accept my thanks for your letter of June 18th:
I feel greatly indebted to you for the interest you have taken in this
matter and have no doubt that what you said to Mr. Stewart has had great
weight in turning the contract our way. It is most gratifying to us
to be able to say that we have received both the Niagara Falls and the
Mesina Bowen contracts.

Very truly yours,

Geo. Westinghouse



MARK TWAIN

34

0/



WALK TWIN

25

27

Westinghouse Electric & Manufacturing Company.

120 BROADWAY,

NEW YORK, N. Y.

July 23rd, 1897:

Nikloa Tesla, Esq.,

#46 East Houston St., City.

Dear Dr. Tesla:-

Accept my thanks for yours of the 22nd inst. enclosing letter from Mr. Sayers, copy of which I shall immediately forward to our London office with request that they give the matter prompt attention.

As requested, I return Mr. Sayers letter to you.

Yours truly,

Geo. Westinghouse

Enc.



MAK IW



or early

alone

227

226
248



GEORGE WESTINGHOUSE,
ENGINEER, LENOX, MASS.

October 17th 1897.

Mr. Nicola Tesla,
46 & 48 East Houston Street,
New York.

Dear Mr. Tesla:

Your letter of the 15th came into my hands yesterday a little after four o'clock, on my arrival from Boston.

I am just telegraphing Mr. B. N. Warren, Vice Pres't of the Company, as follows:

"Mr. Tesla desires that we should give Mr. Auguste Boissonas, of Schneider and Co., Paris, an opportunity to fully observe the operation of the Tesla motors and of viewing our workshops. Kindly see him yourself and give him the desired facilities. Mr. Tesla expected him to be in Pittsburg Saturday or early this week. Introduce Mr. Boissonas to Mr. Keller and to my brother. and I feel assured that Mr. Boissonas will have the desired opportunity."

You will note from my telegram that I have asked Mr. Warren to introduce Mr. Boissonas to Mr. Keller, of the Westinghouse Machine Company where they are making a very wonderful gas engine, and to my brother, Mr. H. M. Westinghouse, Manager of the Air Brake Company.

If Mr. Boissonas has not already gone to Pittsburg, could you not go out and spend a day there with him? Unfortunately I am likely to be obliged to remain in the east all of next week.

Very truly yours,

P. S. Will be in my office Tuesday.

Geo. Westinghouse



MARK TWAIN

Calder 11

248

226-227
340



MADE IN U.S.A.

MADE IN U.S.A.

30

343

New York, N.Y. (4th, 1927.

226-227

248



Mr. J. Edgar Hoover, Sr.

1200 New York Ave.

Washington, D.C.

I enclose letter from Mr. J. Edgar Hoover, Sr.

which might interest you. It is a letter from Mr. J. Edgar Hoover, Sr.

I shall write to you again in the near future.

W5
GEO. WESTINGHOUSE

PITTSBURGH, PA.

Dec. 7th. 1897.

MR. NIKOLA TESLA,

c/o Tesla Electric Co., New York.

Dear Mr. Tesla:-

I have your favor of the 4th., enclosing a letter from Patterson, Cooper & Co., of which I shall send a copy to our London house. I trust the matter will receive prompt attention, to the mutual advantage of all parties concerned.

Yours truly,

G. Westinghouse

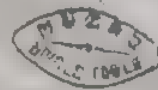
110

158

New York City, N. Y.

[illegible]

Should you think it necessary to communicate with me in
the matter, your letter will find me here, although it is not at
all certain. Prince Albert was in Philadelphia yesterday, and
you will learn of his further movements through the Belgian
consulate.



Yours sincerely,

55W

SHAW-WALKER TWAIN

GEO. WESTINGHOUSE,
PITTSBURGH, PA.

March 30th. 1893.



Mr. Nikola Tesla,

New York.

Dear Mr. Tesla:-

I thank you for your favor of the 27th. of March. I note that Prince Albert of Belgium is proposing to visit the plant at Niagara. I am at a loss to know just what to do in regard to inviting him to visit Pittsburgh. From some friends in Philadelphia I learned that he was making his own plans and declined any special attention. I am to be in New York Friday, and if you are down town between two and three o'clock I should be glad to see you at my office, when we can have a little talk in regard to this matter.

Yours truly,

Geo. Westinghouse

New York, April 26th, 1898.

#16 & 13 N. Houston Str.

110
171
432, 433, 434, 435

Mr. George Westinghouse, Jr.,

Pittsburgh, Pa.

Dear Mr. Westinghouse:-



I take the liberty to introduce to you herewith Mr. Friedrich Ross, who is connected with some of my friends and associates in Germany. He is anxious to see your admirable plant in Pittsburgh, and I would be much obliged to you for any courtesy extended to him on his visit.

With thanks I remain,

Yours sincerely,

196

New York, May 16th, 1898.

#46 & 48 E. Houston Str.

191
35

437, 433, 436, 465

Mr. George Westinghouse, Jr.
Pittsburgh, Pa.



Dear Mr. Westinghouse:-

Your letter referring to Prince Albert has just been received.

I have written to the Belgian Consul and have suggested that he should transmit the wishes of the Prince to you directly.

Believe me to be,

Yours very truly,

GEO WESTINGHOUSE,
PITTSBURGH, PA.

#120 Broadway, New York, N.Y.,

May 19th, 1898.

Nikola Tesla, Esq.,

#46 East Houston St., City.

Dear Mr. Tesla:-

I have just arrived in New York and find your letter of the 16th inst. I received a letter from the Belgian Vice Consul Mr. Mali saying that he had sent the letter I wrote you to Counsellor Joostens at the Auditorium Hotel, Chicago.

I had a conference with the Belgian Minister and have in consequence written formally to Counsellor Joostens through him inviting the Prince and his party to be the guests of myself and Mrs. Westinghouse while in Pittsburg, and have laid out an inspection tour which I trust will be satisfactory to them.

Thanking you for your letters I am,

Very truly yours,

GEO. WESTINGHOUSE

P.S. I am leaving tonight for Lenox with the expectation of being back here Saturday morning and leaving again at one o'clock for Washington.

P.P.S. I have just received a telegram from Counsellor Joostens accepting the invitation of Mrs. Westinghouse and myself.

101, 102
400 N. Houston St.

Mr. George Westinghouse, Jr.,

120 B'way, N. Y. City.

My dear Mr. Westinghouse:-

I am informed through the Secretary of the
Belgian Legation that His Highness Prince Albert expects to be in
Pittsburgh about the 20th and 21st of May.



I hope that this time will be convenient for you. Prince
Albert, I understand, is a well-known electrical engineer and will not be
able to stay in Pittsburgh probably more than twenty-four hours.
It will please you to learn that he has passed himself through the
Secretary in a most appreciative manner about yourself and your
labors. While he did not exactly state that he would accept your
hospitality, I believe that he will avail himself readily of the
opportunity of knowing something more of a man who has contributed
so important a share to electrical progress.

If you will mind, let me know, at your earliest conve-
nience, what to answer, I shall be pleased to transmit your mes-
sage.

Yours sincerely,

432

NEW YORK, NOV. 29TH, 1935.

J. P. Morgan & Co., Inc.

158, 191, 195, 197

433
436
465

Mr. George Westinghouse, Jr.,

130 Broadway,

N. Y. City.

Dear Mr. Westinghouse:-



Owing to some unforeseen outlay I am compelled to ask through your kind intervention, which I hope you will grant, of your Company a loan of \$6,000. I shall return the money within three months.

As I do not owe any money to any one, my personal property, though small, would be ample security for this amount, but in order to obviate any possible loss to your Company I wish to pledge herewith my rights to the English royalties.

Assuring you that your personal kindness as well as the considerate treatment by your Company will not be forgotten, I remain,

Yours sincerely,

MARK TWAIN

GEO. WESTINGHOUSE,
PITTSBURGH, PA.

#120 Broadway, New York, N.Y.

November 29th, 1898

N. Tesla, Esq.,

316 & 48 E. Houston St., City.



Dear Doctor Tesla:-

I have just received your letter and take pleasure in saying that the Company will loan you the \$6,000 according to the terms of your letter. You will kindly call upon Mr. Ph. Ferd. Kobbe Treasurer of the Company between two and three o'clock tomorrow and he will arrange the details with you.

Truly yours,

GEO. WESTINGHOUSE

433

New York, Nov. 30th, 1905.
16 & 48 E. Houston St.

432
436

158, 191, 195, 165

Mr. Geo. Westinghouse, Jr.,
120 Broadway,

New York City.

Dear Mr. Westinghouse:-



Acknowledging your kind letter of even date,
I wish to again express my thanks for your readiness to aid me in
the matter, which I have appreciated as much as the service itself.

Yours very truly,

GEO WESTINGHOUSE
PITTSBURGH, PA.

New York,
December 1st. 1898.

Dr. Nikola Tesla,
46 & 48 E. Houston street,
New York.

Dear Doctor Tesla:-

After you left me yesterday I determined to write you without loss of time with reference to your device for commutating alternating into direct currents. Just at the present time there is great use for something of that sort. I would like to know if you have advanced far enough with your patents and experiments to be now in a position to let the Westinghouse Electric & Mfg. Co. undertake the manufacture of such apparatus upon reasonable terms. You will appreciate of course the particular advantage it would be to you personally to have such an important device put upon the market by the Westinghouse Company. Can you tell me how large an apparatus you have made? and how many h.p. of energy such apparatus will transform? And I should like to know the voltages you have operated it with so far.

Yours truly,

Geo Westinghouse

SAMUEL MARK TWAIN

436

New York, Dec. 1st, 1891.

240 N. 2nd St.

433

465

158, 191, 192, 193



Mr. Geo. Westinghouse, Jr.,

120 Broadway,

New York City.

Dear Mr. Westinghouse:-

I have not been feeling well enough for the last two or three days to attend to my correspondence, other than your kind letter of Dec. 1st, which would have been answered had I been able to tell you, in answer to your inquiry, that I have bestowed much more time upon this matter than you might have thought. I have not one, but a number of devices, which I propose to put on your circuit, and for all of them there is a great demand. Just as soon as I shall have completed an arrangement of vital interest to myself which, I expect, will be in the course of two or three weeks, I shall be in the position to approach you with the matter. You may believe me that I shall use my best efforts to advance your interests while furthering my own.

Yours sincerely,

SAMUEL J. MARK TWAIN

436

New York, Dec. 1st, 1908.

433

465

158, 191, 195, 132

Mr. Geo. Westinghouse, Jr.,

120 Broadway,

New York City.

Dear Mr. Westinghouse:-

I have not been feeling very well for the last two or three days, and so I have not attended to my correspondence. Your kind letter of Dec. 1st would have been received. I will tell you, in answer to your inquiry, that I have devoted much more time upon this subject than I have heretofore. I have not one, but a number of devices which I propose to put on your circuit, and for all of them there is a great demand. Just as soon as I shall have completed an arrangement of vital interest to myself which, I expect, will be in the course of one or three weeks, I shall be in the position to approach you with the matter. You may believe me that I shall use my best efforts to advance your interests while furthering my own.

Yours sincerely,

SAMUEL JOHNSON
MAINTAIN

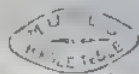
MS 47

436

433

465

150, 191, 105, 432



Mr. Geo. Westinghouse, Jr.,

130 Broadway,

New York City.

Dear Mr. Westinghouse:-

I have not time to enter into a long letter to you about the last two or three years of my career, but I will say that I have been very busy with my work, and I have not had time to do much more than to attend to my business. I have not one of the devices which I propose to put on your circuit, but in all of them there is a great deal of interest. First as soon as I shall have completed an arrangement of vital interest to myself which, I expect, will be in the course of two or three weeks, I shall be in the position to approach you with the matter. You may believe me that I shall do my best efforts to advance your interests while furthering my own.

Yours sincerely,

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Cambridge (M. K. T. 1000) (Reel 1000)

EX 8
C-142, 10

GEO WESTINGHOUSE
PITTSBURGH PA

New York,
December 8th. 1898.

Mr. Nikola Tesla,
New York City.

Dear Doctor Tesla:-

I have just returned from Pittsburgh and find your letter of the 5th. of December. A matter of great importance to me just now is the question of a simple and economical device for converting alternating to continuous currents, and I hope that you will let me know about this with as little delay as possible. In the meantime I trust that you will speedily complete the arrangements which you say are of vital interest to you.

Yours truly,

GEO. WESTINGHOUSE

465

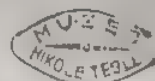
436

158, 191, 195, 432, 433

Mr. J. B. Westinghouse, Jr.,

211 Broadway, N. Y.

Dear Mr. Westinghouse:-



At the receipt of your letter of Dec. 15th I was
not obliged to wait until Jan. 1st, as I was to leave for that I
could not afford to delay. I have given you the most complete
possible. I am confident that the reports to which I have re-
ferred in my last letter to you will be completed soon, and I
have the assurance to the effect of the same are beyond any doubt.

While it will be one of my most sincere hopes that
my labors will result in a personal advantage to you.

Yours sincerely,

GEO. W. WATKINS
TYPE. CO. N.Y.

New York,
April 20th. 1899.

Dear Mr. Tesla:

I was sorry not to see you when you were in, but my engagement was such that I could not come from the Club to see you. This letter will be handed to you by Mr. Mershon, who knows all about the electric light and power matters in and about Pike's Peak, having been connected with the Colorado Electric Power Company. I have asked Mr. Mershon to give you all the information in his power, and if there is anything further that can be done, in the way of letters or otherwise, I shall be glad to render any assistance possible.

Very truly yours,

G. W. Watkinson

Nikola Tesla, Esq:

46 East Houston st.,

New York.

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0

New York, April 21st, 1899
46 & 48 E. Houston St.

New York, Jan. 22nd, 1902.

40 & 42 East Houston Str.

Mr. George H. Stinchouse, Jr.,

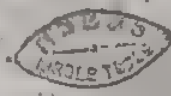
Pittsburgh, Pa.

Dear Mr. Stinchouse:-

Please receive the following communication as a personal
note. I have just returned from Colorado, where I have been carrying
on some experiments since a few months past. The success has
been even greater than I anticipated, and as for other things I have
absolutely demonstrated the practicability of the establishment of
telegraphic communication to any point of the globe by the help of
the machines I have perfected. In carrying out the plan I shall
use a belt connected engine and dynamo of at least three hundred
horse-power, but preferably more, on either side of the Atlantic,
and as this would involve a considerable expense which, in view of
the apparent impossibility of the problem, and also because of a
general feeling all around, I fear I would have difficulty in se-
curing, I wish to ask you whether you would not meet me on some
fair terms in furnishing me the machinery, retaining the ownership
of the same and interesting yourself to a certain extent in a way
which I cannot yet clearly specify, but which might be found after
a little exchange of ideas on the subject. I am naturally prompted
by self-interest in making this proposal, but you may believe me

that, behind it, there is also a sincere desire to advance your own. The demonstrations which I have made in Colorado are of such a nature that they preclude the possibility of a failure, and the importance of the machines which I have developed is of such a character as to almost surpass belief. You will know, of course, that

I contemplate the establishment of such a communication merely as a first step to further and more important work, namely that of transmitting power, but as the latter will be an undertaking on a much larger and more extensive scale, I am compelled to first demonstrate one feature to get the confidence of capital.



I am obliged to accompany this proposal by a request which you will greatly oblige me by complying with without much delay. I have been so enthused over the results achieved and have worked with such a passion, that I have neglected to make such provisions for money as would have been dictated by prudence, and on my return I find that I may have to make some payments before certain funds, which are due to me, may reach me. Being thus compelled to borrow money, I turn to you to ask whether your Company will not advance me, say \$6000, on the guarantee of my royalty rights for England, or, if preferable, whether they would not buy outright my claims on the royalty for a sum of \$10,000. I would prefer to borrow money and pay the interest, as I am not quite sure

3

that I ought to sell my share, which is four-ninths of the total
amount due to my Company, not knowing exactly whether, in so doing,

would hurt the interests of my associates, Mr. Brown and Mrs.
Edin, however, the money and thinking that my right in
it was to anything, and as the value of the interest,

to give your Company an additional cause to push the
I have ventured to make this suggestion. At any rate,

you will be able to mail me a check within a day or
on whatever terms you may prefer. I shall certainly be

grateful for the service.

I make no secrecy of needing the money, but as regards
transmitting messages, I would not want it yet to be
until some of my patents, which are allowed, shall have been

Yours sincerely,

Geo. Westinghouse.
Pittsburgh Pa

120 Broadway, New York,

September 8th, 1900.



Dear Doctor Tesla:

On my arrival in New York this morning I find your letter of August 30th, for which I thank you most sincerely. I think we are both to be congratulated on the outcome of the suit; you, because the Courts have awarded to you the credit for a great invention; and we, because we are likely to have our rights respected so that we may reap some of the advantages due to the large expenditures we have made in the commercial development of your inventions.

You know I appreciate your sympathetic interest in my affairs.

Believe me,

Most sincerely yours,

Geo. Westinghouse

Dr. H. Tesla,

46 & 48 East Houston St.,

New York.

New York, March 13th, 1911.

My dear Mr. Brewster:

6

Mr. Brewster, New York City.

Dear Mr. Brewster:

In accordance with our conversation to-day I wish to say, that I will have the pleasure of seeing you in Pittsburgh, Pa. on Tuesday, March 14th at 10:30 a.m. under the circumstances, to post-
pone a further stay until that time.

MOZES
H.K.C. & T.C.C.

With thanks for your courtesy, I remain,

Yours very truly,

GEO. WESTINGHOUSE,
PITTSBURGH, PA.

New York, March 18th, 1901.

Nikola Tesla, Esq.,

46 & 48 East Houston St.,

New York.

Dear Mr. Tesla:

I duly received your letter saying that you would be in Pittsburg Tuesday in accordance with our conversation. I find that important business matters will keep me in New York until Tuesday night, and I therefore trust it will be quite convenient for you to be in Pittsburg Wednesday.

I now expect to go by the train leaving Jersey City at 8:14 p.m. tomorrow, and if that train will be a convenient one for you, I should be glad to have you go with me on my way, which, upon inquiry, you will easily find in the station.

If convenient for you to do so, kindly come to Jersey City at about 7:30, so that you may dine with us on the car.

Truly yours,

GEO. WESTINGHOUSE

April 6th, 1905.

Mr. W. Ten Eyck Hardenbrook,

No. 288 Fifth Avenue,

New York.



Dear Sir:

I have your letter of April 1st with the artotype of the visit of Prince Henry of Prussia, and thank you for sending it to me.

I enclose you herewith a check for \$50., the amount of your bill.

From the short inspection I have made, I believe the work to be exceptionally good.

Believe me,

Truly yours,

W. L. Dillingham

CCNY.

Waldorf-Astoria,

New York. Jan. 11, 1906.

Mr. Esq.,

It happened to mar the cordiality of our
I am very sorry not only because
you sent for other serious reasons.

It happened without will
and such as
more helpful in the
who will have from it great

Please be mindful in your contact with other
best, for that is of little consequence
our advanced work now in the delicate state of
It is easy to destroy and difficult to succeed.

I ask no favor but I would like to feel that
I have the same high regard which you have

Yours very truly.

165 Broadway, New York,
November 21, 1908.

Mr. George Westinghouse,
165 Broadway,
New York City.



Dear Mr. Westinghouse:--

I have read in the papers of this morning with great pleasure of the success of your plan of re-organization.

The strength of a man shows itself in adversity. You have overcome obstacles which seemed insuperable and once more shown that you are one of those who cannot be downed. Please accept my heartiest congratulations.

Yours faithfully,

101
Geo. Westinghouse
Pittsburgh, Pa.

November 24th, 1900.

Dear Mr. Tesla:

Very many thanks for your letter of November
21st. There is very much yet to do before all of my things
get settled down.

I thank you sincerely for your hearty congratulations.

Truly yours,

Geo. Westinghouse

Nikola Tesla, Esq.,

165 Broadway,

New York City.





GEO. WESTINGHOUSE

PITTSBURGH, PA.

August 10, 1910.



Mr. N. Tesla:

Many thanks for your letter of August 10th with its enclosure from the Evening Mail, which I had already seen. I am quite sure you will live to see a great change in the sentiment of the public in regard to what may prove to be only a temporary reverse.

With thanks to you for your letter, I am,

Very truly yours,

G. Westinghouse

Mr. N. Tesla,

165 Broadway,

New York.



DUPONT CIRCLE,
WASHINGTON, D.C.

Windsor Hotel
New York Dec 28th

Dear Mr. Tesla

Your very cordial
and kind letter

I had told my mother
and that I was to
have your visit in Dec
and see you, and now
it never be. We thank
you sincerely for your ^{very} kind
and trust you have
my best love and
affection.
Yours truly,
John D. Brown

DUPONT CIRCLE,
WASHINGTON, D.C.

Windsor Hotel
New York Dec 28th

Dear Mr Tesla

Your very considerate
kindness

I had told my wife
and that I was to
give you visit in Sp the
winter. I'll see you and from
never be. We thank
sincerely for your ^{very} interest
and trust you have
my best love and
affection.





Page _____
Date _____
By _____

65

CORRESPONDENCE

TESLA-CLEMENS SAQUEL / MAX TWIN /

[illegible]

THE PLAYERS,
16 CRAMERCY PARK.



March 4/94.

Dear Mr. Tesla:

If I can possibly
manage it I'll be there
by 4 p.m., but I am dreadfully
pushed for time, & I am
mustn't depend on me.
In haste

Sincerely Yours
S. H. Cramercy.

THE PLAYERS,
16 GRAMERCY PARK.



March 4/94.

Dear Mr. Tesla:

If I can possibly
manage it I'll be there
by 4 p.m., but I am dreadfully
pushed for time, & you
mustn't depend on me.

In haste

Sincerely Yours

S. L. Clemons

MS 981



TELEFON Nr 40.074
TELEGRAPH: HOTEL KRANTZ, WIEN

HOTEL KRANTZ

WIEN, I. NEUER MARKT 6

Nov. 17/98.



Dear Mr. Tesla -

Have you Austrian & English patents on that destructive terror which you have been inventing? - & if so, would you set a price upon them & commission me to sell them? I know cabinet ministers of both countries - & of Germany, too; likewise William III.

I shall be in Europe a year, yet

Here in the hotel the other night when some interested

men were discussing means to persuade the nations to join with the Czar & disarm, I advised them to seek something more sure than disarmament by perishable paper contract - invite the great inventors to contrive something against which fleets & armies would be helpless, & thus make war thence forth impossible. I did not suspect that you were already attending to that, & getting ready to introduce into the earth permanent peace & disarmament in a practical & mandatory way.

I know you are a very busy man, but will you steal time to drop me a line?

Sincerely Yours

Mark Twain

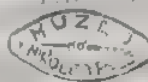


TELEPHON 11 10.079
TELEGRAPH: "HOTEL KRANTZ, WIEN"

HOTEL KRANTZ

WIEN, I. NEUER MARKT 6

Nov. 17/98.



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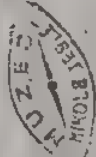
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time to drop me a line?

Sincerely yours

Mark Twain

THE PLAYERS,
16 GRAMERCY PARK

Friday, Windsor, N.Y.

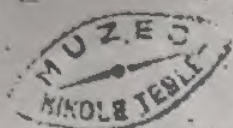


Dear Mr. Tesla:

I am desperately
sorry, but a matter of
unavoidable business
has intruded itself &
bars me from coming
down to you in afternoon.
I am very sorry.
Do forgive me.

Sincerely, Yours
S. Clemens

THE PLAYERS,
16 GRAMERCY PARK.



Friday, Midnight.

Dear Mr. Tesla:

I am desperately
sorry, but a matter of
unavoidable business
has intruded itself &
bars me from coming
down tomorrow afternoon.
I am very very sorry.
Do forgive me.

Sincerely Yours
S. Clemens

MS 981

Samuel Clemens
Correspondence - 18

ANDERSON, Izabel - Archival and Manuscript Collections - Library of Congress

Ms. A. 9. 2. 81
Hobbs, Ireland - Archival and Manuscript Collections - Library of Congress, DC (9228)
Samuel Clemens (Mark Twain) (Box 7200) Manuscript
Correspondence - 1842-1910

Box 8
F100120

STAIRS

NIKOLA TESLA MUSEUM
BEOGRAD-YUGOSLAVIA

Collection of Nikola Tesla (1856-1943) (Beograd) (Beograd 7228) Nikola Tesla

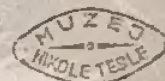
Box 8008
Calder 20

Geo. Westinghouse, Jr. Pres.
H. M. Dyllisby, Vice Pres.
& General Manager

John Caldwell, Treasurer
A. J. Rowland, Secretary
W. L. W. Callaghan, Auditor

The Westinghouse Electric Company

Pittsburgh, Pa. U.S.A. December 13, 1888.



Mr. Nicola Tesla,

Pittsburg, Pa.

Dear Sir:

In accordance with conversation, last night, this Company has decided, to accept the option to purchase your interest in the Tesla Electric Light & Manufacturing Co., and in your contracts with that Company, upon the payment of \$950.00, cash, today, being the balance of the first payment of \$1000.00, - \$50.00 having already been paid you, - and the balance, \$4000.00, to be paid in cash, Feb. 1, 1889, together with two hundred shares of the capital stock of The Westinghouse Electric Company.

Yours truly,

The Westinghouse Electric Company,

H. M. Dyllisby
Vice president & General Manager